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## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA 6862

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol. 11 - No. 1-12 (1959) January, 1959-65 Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during January, 1959, amounted to 16,913,268 barrels, compared with 15,604,770 barrels in the previous month. These figures do not include natural gasoline amounting to 127,923 barrels in January, 1959, and 85,402 barrels in January, 1958.

Table 1 - Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	January 1958	December 1958	January 1959	Year-end	
				1957	1958
New Brunswick .....	1,617	1,117	1,301	19,401	15,189
Ontario .....	54,496	71,247	77,229	623,666	777,117
Manitoba .....	522,366	441,568	432,208	6,089,743	5,829,226
Saskatchewan .....	3,835,753	3,735,579	3,795,495	36,861,089	44,625,903
Alberta .....	10,846,297	11,256,118	12,498,236	137,492,316	113,315,424
British Columbia .....	36,683	68,184	84,640	340,945	511,228
Northwest Territories ..	31,463	30,957	24,159	420,844	445,368
CANADA .....	15,328,675	15,604,770	16,913,268	181,848,004	165,519,455

Table 2 - Production (\*) of Crude Petroleum, by Months, 1957-1959

Month	1957	1958	1959
		(In barrels)	
January .....	16,897,009	15,328,675	16,913,268
February .....	14,817,248	14,470,341	
March .....	15,999,906	14,457,598	
April .....	15,294,701	12,039,779	
May .....	16,393,594	12,562,296	
June .....	15,896,053	12,453,346	
July .....	16,799,283	14,678,747	
August .....	15,790,987	13,810,851	
September .....	14,403,816	13,130,210	
October .....	13,892,163	13,457,126	
November .....	12,288,327	13,525,716	
December .....	13,374,917	15,604,770	
TOTAL .....	181,848,004	165,519,455	

(\*) These figures exclude natural gasoline.

(x) Revised.

Industry and Merchandising Division

6514-506-19





Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	January		Year-end	
	1958	1959	1957	1958
(In barrels of 35 Imperial gallons)				
Virden - Roselea .....	155,507	114,634	5,923,353	7,548,368
North Virden Scallion .....	211,744	162,027	5,571,348	7,841,845
Other Areas .....	155,115	155,547	7,450,242	9,383,956
Total crude oil .....	522,366	432,208	18,944,943	24,774,169

Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	January		Year-end	
	1958	1959	1957	1958
(In barrels of 35 Imperial gallons)				
Carnduff .....	243,226	230,076	1,653,293	2,999,708
Dollard .....	201,479	332,986	2,078,998	3,121,587
Nottingham .....	216,877	199,958	2,309,424	2,451,278
Steelman .....	1,051,232	952,733	9,565,801	11,278,610
Weyburn .....	596,719	475,395	3,432,530	6,034,630
Other Areas .....	1,526,220	1,604,347	17,821,043	18,740,090
Total crude oil .....	3,835,753	3,795,495	36,861,089	44,625,903

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	January		Year-end	
	1958	1959	1957	1958
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	562,576	688,848	8,176,121	4,225,487
Fenn-Big Valley .....	568,193	581,660	7,798,439	5,571,322
Harmattan - Elkton .....	206,585	221,159	1,579,240	1,980,071
Joarcam .....	304,285	285,008	4,259,153	3,476,187
Joffre .....	298,612	538,732	3,223,584	5,367,841
Leduc-Woodbend .....	1,449,299	1,406,523	18,295,291	14,910,237
Pembina .....	2,981,734	3,076,177	37,185,478	33,093,712
Redwater .....	1,475,894	1,774,053	21,184,682	13,074,440
Sturgeon Lake South .....	270,685	331,806	2,636,989	2,893,305
Wizard Lake .....	238,864	312,953	4,377,067	1,583,277
Other Areas .....	2,470,595	3,281,317	28,776,272	27,139,545
Total crude oil .....	10,827,322	12,498,236	137,492,316	113,315,424



Table 6 - Production of Natural Gasoline in Alberta, by Fields

Field	January		Year-end	
	1958	1959	1957	1958
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Acheson .....	1,526	1,668	19,561	16,035
Bonnie Glen .....	14,515	14,542	147,015	108,439
Cessford .....	-	3,553	-	5,725
Devon Leduc-Woodbend .....	10,432	10,222	123,702	126,746
Fenn Big Valey-Stettler .....	-	3,263	-	-
Jumping Pound .....	7,061	8,396	67,620	76,379
Nevis .....	3,509	-	38,289	39,877
Pembina .....	-	30,400	-	60,098
Redwater .....	3,022	2,967	45,275	34,791
Turner Valley .....	45,337	52,912	506,419	475,100
Total natural gasoline ....	85,402	127,923	947,881	943,190

Production of natural gas in Canada during January, 1959 amounted to 46,701,741 thousand cubic feet compared with 43,896,543 thousand cubic feet in the previous month. The output of natural gas in January, 1958 was 30,752,659 thousand cubic feet.

Table 7 - Production (\*) of Natural Gas, by Months, 1957-1959

Month	1957	1958	1959
		(M cu. ft.)	
January .....	22,633,311	30,752,659	46,701,741
February .....	19,504,456	29,071,705	
March .....	18,277,833	31,428,897	
April .....	18,534,237	26,959,946	
May .....	13,896,935	22,790,330	
June .....	12,587,158	19,775,551	
July .....	12,415,299	20,281,588	
August .....	13,192,605	21,770,677	
September .....	14,638,574	24,893,959	
October .....	20,635,490	29,683,731	
November .....	24,226,618	36,747,702	
December .....	29,464,166	43,896,543	
TOTAL .....	220,006,682	338,053,288	

(\*) Does not include waste gas burned in the field.

Table 8 - Production of Natural Gas, by Provinces, 1959

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	CANADA
							(M cu. ft.)
January ....	13,458	2,761,033	4,822,977	32,564,203	6,537,046	3,024	46,701,741







## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol.11 - No. 2

February, 1959

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during February, 1959, amounted to 15,774,480 barrels, compared with 16,913,268 barrels in the previous month. These figures do not include natural gasoline amounting to 118,019 barrels in February, 1959, and 86,024 barrels in February, 1958.

Table 1 - Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	February 1958	January 1959	February 1959	Year to date	
				1 9 5 8	1 9 5 9
New Brunswick .....	1,182	1,301	1,155	2,799	2,456
Ontario .....	40,872	77,229	80,240	95,368	157,469
Manitoba .....	470,350	432,208	383,208	992,716	815,416
Saskatchewan .....	3,566,108	3,795,495	3,579,051	7,401,861	7,374,546
Alberta .....	10,343,870	12,498,236	11,626,510	21,190,167	24,124,746
British Columbia .....	32,715	84,640	69,385	69,398	154,025
Northwest Territories.	15,244	24,159	34,931	46,707	59,090
CANADA .....	14,470,341	16,913,268	15,774,480	29,799,016	32,687,748

Table 2 - Production (\*) of Crude Petroleum, by Months, 1957-1959

Month	1 9 5 7	1 9 5 8	1 9 5 9
	(In barrels)		
January .....	16,897,009	15,328,675	16,913,268
February .....	14,817,248	14,470,341	15,774,480
Total two months .....	31,714,257	29,799,016	32,687,748
March .....	15,999,906	14,457,598	
April .....	15,294,701	12,039,779	
May .....	16,393,594	12,562,296	
June .....	15,896,053	12,453,346	
July .....	16,799,283	14,678,747	
August .....	15,790,987	13,810,851	
September .....	14,403,816	13,130,210	
October .....	13,892,163	13,457,126	
November .....	12,288,327	13,525,716	
December .....	13,374,917	15,604,770	
TOTAL .....	181,848,004	165,519,455	

(\*) These figures exclude natural gasoline.

Industry and Merchandising Division

Crude Petroleum

- 2 -

Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	February		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
Virden - Roselea .....	133,329	100,124	288,836	214,758
North Virden Scallion .....	190,946	145,226	402,690	307,253
Other Areas .....	146,075	137,858	301,190	293,405
Total crude oil .....	470,350	383,208	992,716	815,416

Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	February		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
Carnduff .....	212,493	223,065	455,719	453,141
Dollard .....	175,961	305,750	377,440	638,736
Nottingham .....	183,917	196,536	400,794	396,494
Steelman .....	903,808	909,114	1,955,040	1,861,847
Weyburn .....	570,811	473,989	1,167,530	949,384
Other Areas .....	1,519,118	1,470,597	3,045,338	3,074,944
Total crude oil .....	3,566,108	3,579,051	7,401,861	7,374,546

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	February		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	584,048	644,899	1,146,624	1,333,747
Fenn-Big Valley .....	531,581	1,099,774	604,731	1,186,391
Harmattan - Elkton .....	193,787	198,286	400,372	419,445
Joarcam .....	269,125	261,277	573,410	546,285
Joffre .....	298,728	475,540	597,340	1,014,272
Leduc-Woodbend .....	1,272,939	1,313,363	2,722,238	2,719,886
Pembina .....	2,793,720	2,827,722	5,775,454	5,903,899
Redwater .....	1,478,246	1,695,497	2,954,140	3,469,550
Sturgeon Lake South .....	268,617	307,045	539,302	638,851
Wizard Lake .....	255,342	310,430	494,206	623,383
Other Areas .....	2,397,737	2,492,677	5,363,375	6,269,037
Total crude oil .....	10,343,870	11,626,510	21,171,192	24,124,746



Table 6 - Production of Natural Gasoline in Alberta, by Fields

Field	February		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Acheson .....	1,344	1,389	2,870	3,057
Bonnie Glen .....	15,107	14,020	29,622	28,562
Cessford .....	-	3,965	-	7,518
Devon Leduc-Woodbend .....	10,657	9,714	21,089	19,936
Fenn Big Valley-Stettler .....	-	2,979	-	6,242
Jumping Pound .....	6,584	7,149	13,645	15,545
Nevis .....	2,643	-	6,152	-
Pembina .....	-	29,718	-	60,118
Redwater .....	2,862	3,156	5,884	6,123
Turner Valley .....	46,827	45,929	92,164	98,841
Total natural gasoline ....	86,024	118,019	171,426	245,942

Production of natural gas in Canada during February, 1959 amounted to 39,942,777 thousand cubic feet compared with 46,701,741 thousand cubic feet in the previous month. The output of natural gas in February, 1958 was 29,071,705 thousand cubic feet.

Table 7 - Production (\*) of Natural Gas, by Month, 1957-1959

Month	1957	1958	1959
		(M cu. ft.)	
January .....	22,633,311	30,752,659	46,701,741
February .....	19,504,456	29,071,705	39,942,777
Total two months .....	42,137,767	59,824,364	86,644,518
March .....	18,277,833	31,428,897	
April .....	18,534,237	26,959,946	
May .....	13,896,935	22,790,330	
June .....	12,587,158	19,775,551	
July .....	12,415,299	20,281,588	
August .....	13,192,605	21,770,677	
September .....	14,638,574	24,893,959	
October .....	20,635,490	29,683,731	
November .....	24,226,618	36,747,702	
December .....	29,464,166	43,896,543	
TOTAL .....	220,006,682	338,053,288	

(\*) Does not include waste gas burned in the field.

Table 8 - Production of Natural Gas, by Provinces, 1959

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	CANADA
							(M cu. ft.)
January ....	13,458	2,761,033	4,822,977	22,564,203	6,537,746	3,024	46,701,741
February ...	13,510	1,961,609	4,230,213	22,035,690	5,687,374	2,381	39,942,777
Total two months	26,968	4,722,642	9,059,190	60,599,893	12,224,420	11,405	86,644,518





## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol. 11 - No. 3

March, 1959

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during March, 1959, amounted to 15,866,195 barrels, compared with 15,774,480 barrels in the previous month. These figures do not include natural gasoline amounting to 117,734 barrels in March, 1959, and 83,978 barrels in March, 1958.

Table 1 - Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	March 1958	February 1959	March 1959	Year to date	
				1 9 5 8	1 9 5 9
New Brunswick .....	1,174	1,155	1,351	3,973	3,807
Ontario .....	52,769	80,240	89,112	148,137	246,581
Manitoba .....	519,656	383,208	437,362	1,512,372	1,252,778
Saskatchewan .....	3,841,636	3,579,051	4,296,914	11,243,497	11,671,460
Alberta .....	9,960,381	11,626,510	10,931,756	31,150,548	35,056,502
British Columbia .....	54,176	69,385	73,970	123,574	227,995
Northwest Territories .	27,806	34,931	35,730	74,513	94,820
CANADA .....	14,457,598	15,774,480	15,866,195	44,256,614	48,553,943

Table 2 - Production (\*) of Crude Petroleum, by Months, 1957-1959

Month	1 9 5 7	1 9 5 8	1 9 5 9
	(In barrels)		
January .....	16,897,009	15,328,675	16,913,268
February .....	14,817,248	14,470,341	15,774,480
March .....	15,999,906	14,457,598	15,866,195
Total three months ...	47,714,163	44,256,614	48,553,943
April .....	15,294,701	12,039,779	
May .....	16,393,594	12,562,296	
June .....	15,896,053	12,453,346	
July .....	16,799,283	14,678,747	
August .....	15,790,987	13,810,851	
September .....	14,463,816	13,130,210	
October .....	13,892,163	13,457,126	
November .....	12,288,327	13,525,716	
December .....	13,374,917	15,604,770	
TOTAL .....	181,848,004	165,519,455	

(\*) These figures exclude natural gasoline.

Industry and Merchandising Division

6514-506-39



Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	March		Year to date	
	1 9 5 8	1 9 5 9	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
Viriden - Roselea .....	149,784	114,240	438,620	328,998
North Viriden Scallion .....	204,650	160,578	607,340	467,831
Other Areas .....	165,222	162,544	466,412	455,949
Total crude oil .....	519,656	437,362	1,512,372	1,252,778

Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	March		Year to date	
	1 9 5 8	1 9 5 9	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
Carnduff .....	249,658	261,537	705,377	714,678
Dollard .....	221,524	355,258	598,964	993,994
Nottingham .....	211,509	232,588	612,303	629,082
Steelman .....	996,695	1,049,831	2,951,735	2,911,678
Weyburn .....	574,561	645,054	1,742,091	1,594,438
Other Areas .....	1,387,089	1,752,646	4,633,027	4,827,590
Total crude oil .....	3,841,636	4,296,914	11,243,497	11,671,460

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	March		Year to date	
	1 9 5 8	1 9 5 9	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	407,986	441,179	1,554,610	1,774,926
Fenn-Big Valley .....	496,471	516,750	1,596,245	1,703,141
Harmattan - Elkton .....	173,312	192,837	573,684	615,513
Joarcam .....	299,847	288,522	873,257	834,807
Joffre .....	407,144	543,268	1,004,484	1,557,540
Leduc-Woodbend .....	1,309,502	1,283,171	4,031,740	4,003,057
Pembina .....	2,928,418	3,124,907	8,703,872	9,028,806
Redwater .....	1,147,454	1,192,598	4,101,594	4,662,148
Sturgeon Lake South .....	252,478	287,049	791,780	925,900
Wizard Lake .....	173,133	170,749	667,339	794,132
Other Areas .....	2,364,637	2,890,726	7,232,966	9,156,532
Total crude oil .....	9,960,381	10,931,756	31,131,573	35,056,502

Table 6 - Production of Natural Gasoline in Alberta, by Fields

Field	March		Year to date	
	1 9 5 8	1 9 5 9	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Acheson .....	1,391	1,361	4,261	4,418
Bonnie Glen .....	14,287	14,107	43,909	42,669
Cessford .....	-	3,868	-	11,386
Devon 1 duc-Woodbend .....	9,045	8,638	30,134	28,574
Fenn Big-Valley-Stettler .....	-	2,821	-	9,063
Jumping Pound .....	7,188	7,781	20,833	23,326
Nevis .....	3,421	-	9,573	-
Pembina .....	-	34,816	-	94,934
Redwater .....	2,583	2,496	8,467	8,619
Turner Valley .....	46,063	41,846	138,227	140,687
Total natural gasoline ....	83,978	117,734	255,404	363,676

Production of natural gas in Canada during March, 1959 amounted to 38,017,872 thousand cubic feet compared with 38,471,292 thousand cubic feet in the previous month. The output of natural gas in March, 1958 was 31,428,897 thousand cubic feet.

Table 7 - Production (\*) of Natural Gas, by Months, 1957-1959

Month	1 9 5 7	1 9 5 8	1 9 5 9
(M cu. ft.)			
January .....	22,633,311	30,752,659	45,154,843(x)
February .....	19,504,456	29,071,705	38,471,292(x)
March .....	18,277,833	31,428,897	38,017,872
Total three months .....	60,415,600	91,253,261	121,644,007
April .....	18,534,237	26,959,946	
May .....	13,896,935	22,790,330	
June .....	12,587,158	19,775,551	
July .....	12,415,299	20,281,588	
August .....	13,192,605	21,770,677	
September .....	14,638,574	24,893,959	
October .....	20,635,490	29,683,731	
November .....	24,226,618	36,747,702	
December .....	29,464,166	42,381,858(x)	
TOTAL .....	220,006,682	336,538,603(x)	

(\*) Does not include waste gas burned in the field.

(x) Revised.

Table 8 - Production of Natural Gas, by Provinces, 1959

Month	New Brunswick	Ontario	Saskat- chewan (x)	Alberta	British Columbia (x)	Northwest Territories	CANADA(x)
(M cu. ft.)							
January ....	13,458	2,761,033	3,323,284	32,564,203	6,489,841	3,024	45,154,843
February ...	13,510	1,961,609	2,809,342	28,035,690	5,642,760	8,381	38,471,292
March .....	14,012	1,946,278	2,816,772	27,099,850	6,149,493	8,137	38,017,872
Total three months ...	40,980	6,664,880	8,951,768	87,699,743	18,267,094	19,542	121,644,007
(x) Revised.							





## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol. 11 - No. 4

April 1959

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during April, 1959, amounted to 13,391,675 barrels, compared with 15,866,195 barrels in the previous month. These figures do not include natural gasoline amounting to 98,787 barrels in April, 1959, and 65,524 barrels in April, 1958.

Table 1 - Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	April 1958	March 1959	April 1959	Year to date	
				1 9 5 8	1 9 5 9
New Brunswick .....	994	1,351	1,231	4,967	5,038
Ontario .....	61,241	89,112	86,517	209,378	333,098
Manitoba .....	475,001	437,362	422,474	1,987,373	1,675,252
Saskatchewan .....	3,421,583	4,296,914	3,734,174	14,665,080	15,405,634
Alberta .....	8,019,992	10,931,756	9,072,057	39,170,540	44,128,561
British Columbia .....	11,904	73,970	40,296	135,478	268,291
Northwest Territories .	49,064	35,730	34,924	123,577	129,744
CANADA .....	12,039,779	15,866,195	13,391,675	56,296,393	61,945,618

Table 2 - Production (\*) of Crude Petroleum, by Months, 1957-1959

Month	1 9 5 7	1 9 5 8	1 9 5 9
	(In barrels)		
January .....	16,897,009	15,328,675	16,913,268
February .....	14,817,248	14,470,341	15,774,480
March .....	15,999,906	14,457,598	15,866,195
April ...	15,294,701	12,039,779	13,391,675
Total four months ....	63,008,864	56,296,393	61,945,618
May .....	16,393,594	12,562,296	
June .....	15,896,053	12,453,346	
July .....	16,799,283	14,678,747	
August .....	15,790,987	13,810,851	
September .....	14,403,816	13,130,210	
October .....	13,892,163	13,457,126	
November .....	12,288,327	13,525,716	
December .....	13,374,917	15,604,770	
TOTAL .....	181,848,004	165,519,455	

(\*) These figures exclude natural gasoline.

Industry and Merchandising Division

Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	April		Year to date	
	1 9 5 8	1 9 5 9	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
Virden - Roselea .....	139,561	112,545	578,181	441,543
North Virden Scallion .....	181,090	159,311	788,430	627,142
Other Areas .....	154,350	150,618	620,762	606,567
Total crude oil .....	475,001	422,474	1,987,373	1,675,252

Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	April		Year to date	
	1 9 5 8	1 9 5 9	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
Carnduff .....	215,138	233,933	920,515	948,611
Dollard .....	243,953	307,833	842,917	1,301,827
Nottingham .....	160,505	204,516	772,808	833,598
Steelman .....	802,324	983,392	3,754,059	3,895,070
Weyburn .....	571,984	373,232	2,314,075	1,967,670
Other Areas .....	1,427,679	1,631,268	6,060,706	6,458,858
Total crude oil .....	3,421,583	3,734,174	14,665,080	15,405,634

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	April		Year to date	
	1 9 5 8	1 9 5 9	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	251,192	243,944	1,805,802	2,018,870
Fenn-Big Valley .....	398,747	391,002	1,994,992	2,094,143
Harmattan - Elkton .....	145,110	141,164	718,794	756,677
Joarcam .....	281,620	278,805	1,154,877	1,113,612
Joffre .....	414,657	510,530	1,419,141	2,068,070
Leduc-Woodbend .....	1,159,265	1,113,811	5,191,005	5,116,868
Pembina .....	2,385,171	2,944,684	11,089,043	11,978,545
Redwater .....	844,465	798,870	4,946,059	5,461,018
Sturgeon Lake South .....	205,232	220,774	997,012	1,146,674
Wizard Lake .....	77,645	77,676	744,984	871,808
Other Areas .....	1,856,888	2,350,799	9,089,856	11,502,276
Total crude oil .....	8,019,992	9,072,059	39,151,565	44,128,561



Table 6 - Production of Natural Gasoline in Alberta, by Fields

Field	March		Year to date	
	1 9 5 8	1 9 5 9	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Acheson .....	915	877	5,176	5,295
Bonnie Glen .....	4,956	8,225	48,865	50,894
Cessford .....	-	3,896	-	15,282
Devon leduc-Woodbend .....	8,359	8,346	38,493	36,920
Fenn Big-Valley-Stettler .....	-	2,376	-	11,439
Jumping Pound .....	5,829	7,000	26,662	30,326
Nevis .....	2,758	-	12,331	-
Pembina .....	-	30,201	-	125,135
Redwater .....	2,216	1,761	10,683	10,380
Turner Valley .....	40,491	36,105	178,718	176,792
Total natural gasoline ...	65,524	98,787	320,928	462,463

Production of natural gas in Canada during April, 1959 amounted to 33,555,681 thousand cubic feet compared with 38,017,872 thousand cubic feet in the previous month. The output of natural gas in April, 1958 was 26,959,946 thousand cubic feet.

Table 7 - Production (\*) of Natural Gas, by Months, 1957-1959

Month	1 9 5 7	1 9 5 8	1 9 5 9
	(M cu. ft.)		
January .....	22,633,311	30,752,659	45,154,843
February .....	19,504,456	29,071,705	38,471,292
March .....	18,277,833	31,428,897	38,017,872
April .....	18,534,237	26,959,946	33,555,681
Total three months .....	78,949,837	118,213,207	155,199,688
May .....	13,896,935	22,790,330	
June .....	12,587,158	19,775,551	
July .....	12,415,299	20,281,588	
August .....	13,192,605	21,770,677	
September .....	14,638,574	24,893,959	
October .....	20,635,490	29,683,731	
November .....	24,226,618	36,747,702	
December .....	29,464,166	42,381,858(x)	
TOTAL .....	220,006,682	336,538,603(x)	

(\*) Does not include waste gas burned in the field.

(x) Revised.

Table 8 - Production of Natural Gas, by Provinces, 1959

Month	New Brunswick	Ontario	Saskat- chewan	Alberta	British Columbia	Northwest Territories	CANADA
(M cu. ft.)							
January ....	13,458	2,761,033	3,323,284	32,564,203	6,489,841	3,024	45,154,843
February ...	13,510	1,961,609	2,809,342	28,035,690	5,642,760	8,381	38,471,292
March .....	14,012	1,942,238	2,819,142	27,099,850	6,134,493	8,137	38,017,872
April .....	10,858	989,787	2,581,048	23,963,859	6,006,812	3,317	33,555,681
Total four months ...	51,838	7,654,667	11,532,816	111,663,602	24,273,906	22,859	155,199,688





## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol.11 - No. 5

May, 1959

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during May, 1959, amounted to 13,765,095 barrels, compared with 13,391,675 barrels in the previous month. These figures do not include natural gasoline amounting to 103,217 barrels in May, 1959, and 60,985 barrels in May, 1958.

Table 1 - Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	May	April	May	Year to date	
	1958	1959	1959	1958	1959
New Brunswick .....	1,460	1,231	1,126	6,427	6,164
Ontario .....	64,599	86,517	86,099	273,977	419,197
Manitoba .....	515,279	422,474	433,816	2,502,652	2,109,068
Saskatchewan .....	3,677,574	3,734,174	3,672,382	18,342,654	19,078,016
Alberta .....	8,244,104	9,072,059	9,503,649	47,414,644	53,632,210
British Columbia .....	35,362	40,296	64,767	170,840	333,058
Northwest Territories ..	23,918	34,924	3,256	147,495	133,000
CANADA .....	12,562,296	13,391,675	13,765,095	68,858,689	75,710,713

Table 2 - Production (\*) of Crude Petroleum, by Months, 1957-1959

Month	1957	1958	1959
	(In barrels)		
January .....	16,897,009	15,328,675	16,913,268
February .....	14,817,248	14,470,341	15,774,480
March .....	15,999,906	14,457,598	15,866,195
April .....	15,294,701	12,039,779	13,391,675
May .....	16,393,594	12,562,296	13,765,095
Total five months ..	79,402,458	68,858,689	75,710,713
June .....	15,896,053	12,453,346	
July .....	16,799,283	14,678,747	
August .....	15,790,987	13,810,851	
September .....	14,403,816	13,130,210	
October .....	13,892,163	13,457,126	
November .....	12,288,327	13,525,716	
December .....	13,374,917	15,604,770	
TOTAL .....	181,848,004	165,519,455	

(\*) These figures exclude natural gasoline.

Industry and Merchandising Division

# Crude Petroleum

## Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	May		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
Virden - Roselea .....	146,165	114,550	724,346	556,093
North Virden Scallion .....	200,072	159,568	988,502	786,710
Other Areas .....	169,042	159,698	789,804	766,265
Total crude oil .....	515,279	433,816	2,502,652	2,109,068

## Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	May		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
Carnduff .....	197,931	216,416	1,118,446	1,165,027
Dollard .....	266,552	281,939	1,109,469	1,583,766
Nottingham .....	180,340	197,409	953,148	1,031,007
Steelman .....	802,633	1,008,964	4,558,295	4,905,034
Weyburn .....	601,124	326,709	2,915,199	2,294,379
Other Areas .....	1,628,094	1,640,945	7,628,097	10,979,213
Total crude oil .....	3,677,574	3,672,382	18,342,654	19,078,016

## Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	May		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	245,287	248,289	2,051,089	2,267,159
Fenn-Big Valley .....	427,723	408,663	2,402,015	2,502,808
Harmattan - Elkton .....	154,647	153,777	873,441	910,454
Joarcam .....	293,942	286,784	1,448,819	1,400,396
Joffre .....	459,124	542,500	1,878,323	2,610,570
Leduc-Woodland .....	1,204,034	1,198,732	6,305,029	6,316,600
Pembina .....	2,374,893	2,953,814	13,473,266	14,834,359
Redwater .....	858,836	873,355	5,798,895	6,334,873
Sturgeon Lake South .....	222,241	223,567	1,219,253	1,370,241
Stard Lake .....	60,974	70,972	805,958	951,780
Other Areas .....	1,959,123	2,530,694	11,048,979	14,032,970
Total crude oil .....	8,244,104	9,503,649	47,395,669	53,632,210

Table 6 - Production of Natural Gasoline in Alberta, by Fields

Field	May		Year to date	
	1958	1959	1957	1958
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Acheson .....	1,266	1,030	6,442	6,325
Bonnie Glen .....	5,508	5,347	54,373	56,241
Cassford .....	-	3,127	-	18,409
Devon Leduc-Woodbend .....	8,715	9,257	47,208	46,177
Fenn Big-Valley-Stettler .....	-	2,859	-	14,298
Jumping Pound .....	3,772	5,460	30,434	35,786
Navis .....	3,746	-	16,077	-
Pembina .....	-	29,309	-	154,444
Redwater .....	2,279	2,258	12,962	12,638
Turner Valley .....	35,699	44,570	214,417	221,362
Total natural gasoline ...	60,985	103,217	381,913	565,680

Production of natural gas in Canada during May, 1959, amounted to 31,894,554 thousand cubic feet compared with 33,555,681 thousand cubic feet in the previous month. The output of natural gas in May, 1958, was 22,790,330 thousand cubic feet.

Table 7 - Production (\*) of Natural Gas, by Months, 1957-1959

Month	1957	1958	1959
(M cu. ft.)			
January .....	22,613,311	30,752,659	45,154,843
February .....	19,504,456	29,071,705	38,471,292
March .....	18,277,833	31,428,897	38,017,872
April .....	18,534,237	26,959,946	33,555,681
May .....	13,896,935	22,790,330	31,894,554
Total five months .....	92,846,772	141,003,537	187,094,242
June .....	12,587,158	19,775,551	
July .....	12,415,299	20,281,588	
August .....	13,192,605	21,770,677	
September .....	14,638,574	24,893,959	
October .....	20,635,490	29,683,731	
November .....	24,226,618	36,747,702	
December .....	29,464,166	42,381,858	
TOTAL .....	220,006,682	336,538,603	

(\*) Does not include waste gas burned in the field



Table 8 - Production of Natural Gas, by Provinces, 1959

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	CANADA
(M cu. ft.)							
January ....	13,458	2,761,033	3,523,284	32,564,203	6,489,841	3,024	45,154,843
February ...	13,510	1,961,609	2,809,342	28,035,690	5,642,760	8,381	38,471,292
March .....	14,012	1,942,238	2,819,142	27,099,860	6,134,493	8,137	38,017,872
April .....	10,858	989,787	2,581,048	23,983,859	6,006,812	3,317	33,555,681
May .....	10,222	894,021	2,476,345	22,727,888	5,724,000	2,378	31,894,554
Total five months ..	62,060	8,548,688	14,008,861	134,451,490	29,997,906	25,237	187,094,242



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol.11 - No. 6

June, 1959

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during June, 1959, amounted to 14,935,902 barrels, compared with 13,765,095 barrels in the previous month. These figures do not include natural gasoline amounting to 102,269 barrels in June, 1959, and 56,565 barrels in June, 1958.

Table 1 - Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	June	May	June	Year to date	
	1958	1959	1959	1958	1959
New Brunswick .....	1,404	1,126	1,344	7,831	7,508
Ontario .....	65,450	86,099	86,234	339,427	505,431
Manitoba .....	501,080	433,816	422,351	3,003,732	2,531,419
Saskatchewan .....	3,572,446	3,672,382	3,837,041	21,915,100	22,915,057
Alberta .....	8,232,625	9,503,649	10,495,706	55,647,269	64,127,916
British Columbia .....	38,589	64,767	72,738	209,429	405,796
Northwest Territories ..	41,752	3,256	20,488	189,247	153,488
CANADA .....	12,453,346	13,765,095	14,935,902	81,312,035	90,646,615

Table 2 - Production (\*) of Crude Petroleum, by Months, 1957-1959

Month	1957	1958	1959
(In barrels)			
January .....	16,897,009	15,328,675	16,913,268
February .....	14,817,248	14,470,341	15,774,480
March .....	15,999,906	14,457,598	15,866,195
April .....	15,294,701	12,039,779	13,391,675
May .....	16,393,594	12,562,296	13,765,095
June .....	15,896,053	12,453,346	14,935,902
Total six months ...	95,298,511	81,312,035	90,646,615
July .....	16,799,283	14,678,747	
August .....	15,790,987	13,810,851	
September .....	14,403,816	13,130,210	
October .....	13,892,163	13,457,126	
November .....	12,288,327	13,525,716	
December .....	13,374,917	15,604,770	
TOTAL .....	181,848,004	165,519,455	

(\*) These figures exclude natural gasoline.

Industry and Merchandising Division

Crude Petroleum

- 2 -

Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	June		Year to date	
	1 9 5 8	1 9 5 9	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
Virden - Roselea .....	140,503	111,382	864,849	667,475
North Virden Scallion .....	188,781	154,488	1,177,283	941,198
Other Areas .....	171,796	156,481	961,600	922,745
Total crude oil .....	501,080	422,351	3,003,732	2,531,418

Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	June		Year to date	
	1 9 5 8	1 9 5 9	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
Carnduff .....	216,605	224,671	1,335,051	1,389,698
Dollard .....	288,552	308,769	1,398,021	1,892,535
Nottingham .....	201,316	210,503	1,154,464	1,241,510
Steelman .....	887,448	988,166	5,445,743	5,892,200
Weyburn .....	373,415	418,787	3,288,614	2,713,166
Other Areas .....	1,605,110	1,686,145	9,293,207	9,785,948
Total crude oil .....	3,572,446	3,837,041	21,915,100	22,915,057

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	June		Year to date	
	1 9 5 8	1 9 5 9	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	242,873	573,823	2,293,962	2,840,982
Fenn-Big Valley .....	399,697	532,174	2,801,712	3,034,982
Harmattan - Elkton .....	136,412	117,471	1,009,853	1,027,925
Joarcam .....	285,240	276,675	1,734,059	1,677,071
Joffre .....	451,937	515,521	2,308,343	3,127,275
Leduc-Woodbend .....	1,161,690	1,153,983	7,556,719	7,470,583
Pembina .....	2,558,302	2,621,903	16,032,168	17,556,262
Redwater .....	809,469	1,227,839	6,608,364	7,562,712
Sturgenn Lake South .....	224,378	264,500	1,443,631	1,634,741
Wizard Lake .....	62,703	258,936	868,661	1,210,716
Other Areas .....	1,899,924	2,952,881	12,989,797	16,984,667
Total crude oil .....	8,232,625	10,495,706	55,647,269	64,127,916



Table 6 - Production of Natural Gasoline in Alberta, by Fields

Field	June		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
<b>Natural Gasoline</b>				
Acheson .....	1,061	1,542	7,503	7,867
Bonnie Glen .....	4,795	12,815	59,168	69,056
Cessford .....	-	3,901	-	22,310
Devon Leduc-Woodbend .....	11,579	10,185	58,787	56,362
Fenn Big-Valley-Stettler .....	-	3,664	-	17,962
Jumping Pound .....	5,173	4,223	35,607	40,009
Nevis .....	3,408	-	19,485	-
Pembina .....	-	26,551	-	180,995
Redwater .....	2,759	3,773	15,721	16,411
Turner Valley .....	27,790	35,615	242,207	256,977
<b>Total natural gasoline ...</b>	<b>56,565</b>	<b>102,269</b>	<b>438,478</b>	<b>667,949</b>

Production of natural gas in Canada during June, 1959, amounted to 27,782,195 thousand cubic feet compared with 31,894,554 thousand cubic feet in the previous month. The output of natural gas in June, 1958, was 19,775,551 thousand cubic feet.

Table 7 - Production (\*) of Natural Gas, by Months, 1957-1959

Month	1957	1958	1959
(M cu. ft.)			
January .....	22,633,311	30,752,659	45,154,843
February .....	19,504,456	29,071,705	38,471,292
March .....	18,277,833	31,428,897	38,017,872
April .....	18,534,237	26,959,946	33,555,681
May .....	13,896,935	22,790,330	31,894,554
June .....	12,587,158	19,775,551	27,782,195
<b>Total six months .....</b>	<b>105,433,930</b>	<b>160,779,088</b>	<b>214,876,437</b>
July .....	12,415,299	20,281,588	
August .....	13,192,605	21,770,677	
September .....	14,638,574	24,893,959	
October .....	20,635,490	29,683,731	
November .....	24,226,618	36,747,702	
December .....	29,464,166	42,381,858	
<b>TOTAL .....</b>	<b>220,006,682</b>	<b>336,538,603</b>	

(\*) Does not include waste gas burned in the field.

Table 8 - Production of Natural Gas, by Provinces, 1959

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	CANADA
(M cu. ft.)							
January ....	13,458	2,761,033	3,323,284	32,564,203	6,489,841	3,024	45,154,843
February ...	13,510	1,961,609	2,809,342	28,035,690	5,642,760	8,381	38,471,292
March .....	14,012	1,942,238	2,819,142	27,099,850	6,134,493	8,137	38,017,872
April .....	10,858	989,787	2,581,048	23,963,859	6,006,812	3,317	33,555,681
May .....	10,222	894,021	2,476,045	22,787,888	5,724,000	2,378	31,894,554
June .....	8,617	789,767	2,293,937	19,771,889	4,914,911	3,074	27,782,195
Total six months	70,677	9,338,455	16,302,798	154,223,379	34,912,817	28,311	214,876,437



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol. 11 - No. 7

July, 1959

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during July, 1959, amounted to 15,233,324 barrels, compared with 14,935,902 barrels in the previous month. These figures do not include natural gasoline amounting to 106,642 barrels in July, 1959, and 71,915 barrels in July, 1958.

Table 1 - Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	July	June	July	Year to date	
	1958	1959	1959	1958	1959
New Brunswick .....	1,346	1,344	1,139	9,177	8,647
Ontario .....	70,129	86,234	85,629	409,556	591,060
Manitoba .....	512,120	422,351	438,371	3,515,852	2,969,790
Saskatchewan .....	3,733,053	3,837,041	4,304,975	25,642,344	27,220,032
Alberta .....	10,274,309	10,495,706	10,299,430	65,902,603	74,427,346
British Columbia .....	42,885	72,738	66,138	253,596	471,934
Northwest Territories ..	48,832	20,488	37,642	238,079	191,130
CANADA .....	14,682,674	14,935,902	15,233,324	95,977,207	105,879,939

Table 2 - Production (\*) of Crude Petroleum, by Months, 1957-1959

Month	1957	1958(x)	1959
	(In barrels)		
January .....	16,897,009	15,317,635	16,913,268
February .....	14,817,243	14,463,517	15,774,480
March .....	15,999,906	14,458,377	15,866,195
April .....	15,294,701	12,041,659	13,391,675
May .....	16,393,594	12,560,880	13,765,095
June .....	15,896,053	12,452,465	14,935,902
July .....	16,729,283	14,682,674	15,233,324
Total seven months .	112,097,794	95,977,207	105,879,939
August .....	15,790,987	13,818,523	
September .....	14,403,816	13,152,510	
October .....	13,892,163	13,415,155	
November .....	12,288,327	13,525,248	
December .....	13,374,917	15,607,701	
TOTAL .....	181,848,004	165,496,347	

(\*) These figures exclude natural gasoline.

(x) Revised.

Industry and Merchandising Division



# Crude Petroleum

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Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	July		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
Virden - Roselea .....	139,867	115,653	1,004,716	783,128
North Virden Scallion .....	193,478	152,507	1,370,761	1,099,705
Other Areas .....	178,715	164,211	1,240,375	1,086,956
Total crude oil .....	512,120	438,371	3,515,852	2,969,789

Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	July		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
Carnduff .....	296,332	213,818	1,631,383	1,603,516
Dollard .....	221,164	397,641	1,619,185	2,290,176
Nottingham .....	225,069	207,906	1,379,533	1,449,416
Steelman .....	1,029,932	939,901	6,475,675	6,832,101
Weyburn .....	493,435	499,252	3,782,049	3,212,418
Other Areas .....	1,463,194	2,046,457	15,754,401	11,832,405
Total crude oil .....	3,739,126	4,304,975	25,644,226	27,220,032

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	July		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	424,445	455,139	2,718,407	3,296,121
Fenn-Big Valley .....	515,882	496,486	3,317,594	3,531,468
Harmattan - Elkton .....	181,811	150,081	1,191,695	1,178,006
Joarcam .....	289,886	280,101	2,023,945	1,957,172
Joffre .....	506,796	540,740	2,841,860	3,668,015
Leduc-Woodland .....	1,299,791	1,166,971	8,856,510	8,637,487
Pembina .....	2,821,419	2,678,698	18,853,587	20,234,960
Redwater .....	1,368,177	1,188,163	7,976,541	8,750,875
Sturgeon Lake South .....	270,400	252,625	1,714,031	1,887,366
Wizard Lake .....	170,204	204,270	1,038,865	1,414,986
Other Areas .....	1,479,557	1,286,223	15,349,868	15,870,890
Total crude oil .....	10,274,309	10,299,430	65,902,603	74,427,346

Table 6 - Production of Natural Gasoline in Alberta, by Fields

Field	July		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Acheson .....	2,002	2,019	9,505	9,886
Bonnie Glen .....	11,572	10,838	70,740	79,894
Cessford .....	-	4,509	-	26,819
Devon Leduc-Woodbend .....	12,338	11,837	71,125	68,199
Fenn Big-Valley-Stettler .....	-	3,882	-	21,844
Jumping Pound .....	4,602	4,635	40,209	44,644
Nevis .....	4,492	-	23,977	-
Pembina .....	-	30,175	-	211,170
Redwater .....	5,001	3,948	20,722	20,359
Turner Valley .....	31,908	34,799	274,115	291,776
Total natural gasoline ...	71,915	106,642	510,393	774,591

Production of natural gas in Canada during July, 1959, amounted to 26,732,509 thousand cubic feet compared with 27,782,195 thousand cubic feet in the previous month. The output of natural gas in July, 1958, was 20,341,023 thousand cubic feet.

Table 7 - Production (\*) of Natural Gas, by Months, 1957-1959

Month	1957	1958(x)	1959
	(M cu.ft.)		
January .....	22,633,311	30,937,476	45,154,843
February .....	19,504,456	29,196,932	38,471,292
March .....	18,277,833	31,528,723	38,017,872
April .....	18,534,237	27,103,366	33,555,681
May .....	13,896,935	22,845,606	31,894,554
June .....	12,587,158	19,833,422	27,782,195
July .....	12,415,299	20,341,023	26,732,509
Total seven months .....	117,849,229	181,786,548	241,608,946
August .....	13,192,605	21,753,125	
September .....	14,638,574	24,917,691	
October .....	20,635,490	30,162,501	
November .....	24,226,618	36,816,586	
December .....	29,464,166	42,367,275	
TOTAL .....	220,006,682	337,803,726	

(\*) Does not include waste gas burned in the field.

(x) Revised.

Table 8 - Production of Natural Gas, by Provinces, 1959

Month	New Brunswick	Ontario	Saskat- chewan	Alberta	British Columbia	Northwest Territories	CANADA
(M cu. ft.)							
January ....	13,458	2,761,033	3,323,284	32,564,303	6,489,841	3,024	45,154,843
February ...	13,510	1,961,609	2,809,242	28,035,690	5,642,760	2,381	38,471,292
March .....	14,012	1,942,238	2,819,142	27,099,850	6,134,493	2,137	38,017,872
April .....	10,853	989,787	2,581,048	25,963,889	6,006,812	3,317	33,555,681
May .....	10,222	894,021	2,476,045	22,787,888	5,724,000	2,378	31,894,554
June .....	8,517	789,767	2,293,907	19,771,889	4,914,911	3,074	27,782,195
July .....	7,120	497,685	2,287,906	19,061,445	4,870,333	2,020	26,732,509
Total seven months .	77,790	9,836,140	18,590,704	173,284,824	39,783,150	36,331	241,608,946





## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol.11 - No.8

August, 1959

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during August, 1959, amounted to 15,874,534 barrels, compared with 15,233,324 barrels in the previous month. These figures do not include natural gasoline amounting to 108,734 barrels in August, 1959, and 66,115 barrels in August, 1958.

Table 1 - Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	August	July	August	Year to date	
	1958	1959	1959	1958	1959
New Brunswick .....	1,234	1,139	1,162	10,411	9,809
Ontario .....	71,954	85,629	82,221	481,510	673,281
Manitoba .....	488,812	438,371	436,480	4,004,004	7,106,270
Saskatchewan .....	3,971,820	4,304,975	4,212,559	29,620,151	31,432,591
Alberta .....	9,187,145	10,299,430	11,037,179	75,089,748	87,404,525
British Columbia .....	40,025	66,138	54,534	293,474	526,468
Northwest Territories ..	57,533	37,642	50,399	295,612	241,529
CANADA .....	13,818,523	15,233,324	15,874,534	109,795,583	121,754,473

Table 2 - Production (\*) of Crude Petroleum, by Months, 1957-1959

Month	1957	1958	1959
	(In barrels)		
January .....	16,897,009	15,317,635	16,913,268
February .....	14,817,248	14,463,517	15,774,480
March .....	15,999,906	14,458,269(x)	15,866,195
April .....	15,294,701	12,041,659	13,391,675
May .....	16,393,594	12,560,841(x)	13,765,095
June .....	15,896,053	12,452,465	14,935,902
July .....	16,799,283	14,682,674	15,233,324
August .....	15,790,987	13,818,523	15,874,534
Total eight months ..	127,888,781	109,795,583	121,754,473
September .....	14,403,816	13,152,510	
October .....	13,892,163	13,415,155	
November .....	12,288,327	13,525,248	
December .....	13,374,917	15,607,700(x)	
TOTAL .....	181,848,004	165,496,196(x)	

(\*) These figures exclude natural gasoline.

(x) Revised.

Industry and Merchandising Division

6514-506-89

Crude Petroleum

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Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	August		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
Virden - Roselea .....	132,704	113,954	1,137,420	897,082
North Virden Scallion .....	185,709	162,745	1,556,470	1,262,450
Other Areas .....	170,399	159,781	1,310,774	1,246,737
Total crude oil .....	488,812	436,480	4,004,664	3,406,269

Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	August		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
Carnduff .....	294,751	200,260	1,926,134	1,803,776
Dollard .....	303,500	381,794	1,922,685	2,671,970
Nottingham .....	218,018	200,768	1,597,551	1,650,184
Steelman .....	991,539	975,262	7,467,214	7,807,363
Weyburn .....	481,716	517,220	4,263,765	3,729,638
Other Areas .....	1,674,624	1,937,255	12,431,025	13,769,660
Total crude oil .....	3,964,148	4,212,559	29,608,374	31,432,591

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	August		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	254,373	526,244	2,972,780	3,822,365
Fenn-Big Valley .....	417,605	547,048	3,735,199	4,078,516
Harmattan - Elkton .....	160,006	147,327	1,351,701	1,325,333
Joarcam .....	299,595	288,603	2,323,540	2,245,775
Joffre .....	502,784	537,988	3,344,644	4,206,003
Leduc-Woodbend .....	1,260,983	1,237,092	10,117,493	9,874,579
Pembina .....	2,810,272	2,812,040	21,663,859	23,052,655
Redwater .....	976,937	1,255,661	8,953,478	10,006,536
Sturgeon Lake South .....	233,073	266,541	1,947,104	2,153,907
Wizard Lake .....	81,344	269,031	1,120,209	1,684,017
Other Areas .....	2,190,173	3,149,604	17,559,741	23,014,839
Total crude oil .....	9,187,145	11,037,179	75,089,748	85,464,525

Table 6 - Production of Natural Gasoline in Alberta, by Fields

Field	August		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Acheson .....	1,498	1,702	11,003	11,588
Bonnie Glen .....	6,107	13,053	76,847	92,947
Cessford .....	-	2,924	-	29,743
Devon Leduc-Woodbend .....	12,604	11,654	83,729	79,853
Fenn Big-Valley-Stettler .....	-	3,498	-	25,342
Jumping Pound .....	6,132	4,490	46,341	49,134
Nevis .....	3,855	-	27,832	-
Pembina .....	-	28,595	-	239,765
Redwater .....	3,983	3,410	24,705	23,769
Turner Valley .....	31,936	39,408	306,051	331,184
Total natural gasoline ...	66,115	108,734	576,508	883,325

Production of natural gas in Canada during August, 1959, amounted to 29,257,004 thousand cubic feet compared with 26,732,509 thousand cubic feet in the previous month. The output of natural gas in August, 1958, was 21,753,125 thousand cubic feet.

Table 7 - Production (\*) of Natural Gas, by Months, 1957-1959

Month	1957	1958	1959
	(M cu.ft.)		
January .....	22,633,311	30,937,476	45,154,843
February .....	19,504,456	29,196,932	38,471,292
March .....	18,277,833	31,528,723	38,017,872
April .....	18,534,237	27,103,366	33,555,681
May .....	13,896,935	22,845,606	31,894,554
June .....	12,587,158	19,833,422	27,782,195
July .....	12,415,299	20,341,023	26,732,509
August .....	13,192,605	21,753,125	29,257,004
Total eight months .....	131,041,834	203,539,673	270,865,950
September .....	14,638,574	24,917,691	
October .....	20,635,490	30,162,501	
November .....	24,226,618	36,816,586	
December .....	29,464,166	42,367,275	
TOTAL .....	220,006,682	337,803,726	

(\*) Does not include waste gas burned in the field.



Table 8 - Production of Natural Gas, by Provinces, 1959

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	CANADA
(M cu. ft.)							
January ....	13,458	2,761,033	3,323,284	32,564,203	6,489,841	3,024	45,154,843
February ...	13,510	1,961,609	2,809,342	28,035,690	5,642,760	8,381	38,471,292
March .....	14,012	1,942,238	2,819,142	27,099,850	6,134,493	8,137	38,017,872
April .....	10,858	989,787	2,581,048	23,963,859	6,006,812	3,317	33,555,681
May .....	10,222	894,021	2,476,045	22,787,888	5,724,000	2,378	31,894,554
June .....	8,617	789,767	2,293,937	19,771,889	4,914,911	3,074	27,782,195
July .....	7,120	497,685	2,287,906	19,061,445	4,870,333	8,020	26,732,509
August .....	7,220	567,076	2,356,890	21,126,552	5,190,542	8,724	29,257,004
Total eight months .	85,017	10,403,216	20,947,594	194,411,376	44,973,692	45,055	270,865,950



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol. 11 - No.9

September, 1959

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during September, 1959, amounted to 16,461,674 barrels, compared with 15,874,534 barrels in the previous month. These figures do not include natural gasoline amounting to 106,856 barrels in September, 1959, and 64,105 barrels in September, 1958.

Table 1 - Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	September 1958	August 1959	September 1959	Year to date	
				1958	1959
New Brunswick .....	1,171	1,162	1,183	11,582	10,992
Ontario .....	78,748	82,221	80,924	560,258	754,205
Manitoba .....	462,978	436,480	424,571	4,467,642	3,830,841
Saskatchewan .....	3,839,383	4,212,559	4,080,916	33,459,547	35,513,507
Alberta .....	8,662,626	11,037,179	11,734,225	83,752,374	97,198,750
British Columbia .....	49,682	54,534	81,952	343,156	608,420
Northwest Territories ..	57,922	50,399	57,903	353,534	299,432
CANADA .....	13,152,510	15,874,534	16,461,674	122,948,093	138,216,147

Table 2 - Production (\*) of Crude Petroleum, by Months, 1957-1959

Month	1957	1958	1959
	(In barrels)		
January .....	16,897,009	15,317,635	16,913,268
February .....	14,817,248	14,463,517	15,774,480
March .....	15,999,906	14,458,269	15,866,195
April .....	15,294,701	12,041,659	13,391,675
May .....	16,393,594	12,560,841	13,765,095
June .....	15,896,053	12,452,465	14,935,902
July .....	16,799,283	14,682,674	15,233,324
August .....	15,790,987	13,818,523	15,874,534
September .....	14,403,816	13,152,510	16,461,674
Total nine months ..	142,292,597	122,948,093	138,216,147
October .....	13,892,163	13,415,155	
November .....	12,288,327	13,525,248	
December .....	13,374,917	15,607,700	
TOTAL .....	181,848,004	165,496,196	

(\*) These figures exclude natural gasoline.

Industry and Merchandising Division

Crude Petroleum

- 2 -

Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	September		Year to date	
	1 9 5 8	1 9 5 9	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
Viriden - Roselea .....	124,572	109,923	1,261,992	1,007,839
North Viriden Scallion .....	179,974	164,111	1,743,249	1,440,950
Other Areas .....	158,432	150,537	1,462,401	1,382,885
Total crude oil .....	462,978	424,571	4,467,642	3,831,674

Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	September		Year to date	
	1 9 5 8	1 9 5 9	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
Carnduff .....	269,762	187,174	2,195,896	1,990,950
Dollard .....	284,840	375,225	2,207,525	3,047,195
Nottingham .....	210,198	201,327	1,807,749	1,851,511
Steelman .....	950,925	949,780	8,418,139	8,757,143
Weyburn .....	533,510	508,211	4,797,275	4,237,849
Other Areas .....	1,554,618	1,859,199	13,985,643	15,628,859
Total crude oil .....	3,803,853	4,080,916	33,412,227	35,513,507

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	September		Year to date	
	1 9 5 8	1 9 5 9	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	248,872	667,569	3,221,652	4,489,934
Fenn-Big Valley .....	403,763	594,454	4,138,962	4,672,970
Harmattan - Elkton .....	142,852	122,282	1,494,553	1,447,615
Joarcam .....	281,977	285,462	2,605,517	2,531,237
Joffre .....	499,185	514,307	3,843,829	4,720,310
Leduc-Woodbend .....	1,091,447	1,241,942	11,208,940	11,116,521
Pembina .....	2,734,471	2,801,090	24,398,330	25,853,745
Redwater .....	834,904	1,535,141	9,788,382	11,541,677
Sturgeon Lake South .....	217,249	284,758	2,164,353	2,438,665
Wizard Lake .....	76,120	347,284	1,196,329	2,031,301
Other Areas .....	2,131,786	3,339,936	19,691,527	26,354,775
Total crude oil .....	8,662,626	11,734,225	83,752,374	97,198,750



Table 6 - Production of Natural Gasoline in Alberta, by Fields

Field	September		Year to date	
	1 9 5 8	1 9 5 9	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Acheson .....	1,241	1,935	12,244	13,523
Bonnie Glen .....	5,363	16,127	82,210	109,074
Cessford .....	-	3,176	-	32,919
Devon Leduc-Woodbend .....	9,890	10,951	93,619	90,804
Fenn Big-Valley-Stettler .....	-	3,896	-	29,238
Jumping Pound .....	6,655	4,987	52,996	54,121
Nevis .....	3,130	-	30,962	-
Pembina .....	-	26,008	-	265,773
Redwater .....	2,676	4,566	27,381	28,335
Turner Valley .....	35,150	35,210	341,201	366,394
Total natural gasoline ..	64,105	106,856	640,613	990,181

Production of natural gas in Canada during September, 1959, amounted to 30,817,090 thousand cubic feet compared with 29,257,004 thousand cubic feet in the previous month. The output of natural gas in September, 1958, was 24,917,691 thousand cubic feet.

Table 7 - Production (\*) of Natural Gas, by Months, 1957-1959

Month	1 9 5 7	1 9 5 8	1 9 5 9
	(M cu. ft.)		
January .....	22,633,311	30,937,476	45,154,843
February .....	19,504,456	29,196,932	38,471,292
March .....	18,277,833	31,528,723	38,017,872
April .....	18,534,237	27,103,366	33,555,681
May .....	13,896,935	22,845,606	31,894,554
June .....	12,587,158	19,833,422	27,782,195
July .....	12,415,299	20,341,023	26,732,509
August .....	13,192,605	21,753,125	29,257,004
September .....	14,638,574	24,917,691	30,817,090
Total nine months .....	145,680,408	228,457,364	301,683,040
October .....	20,635,490	30,162,501	
November .....	24,226,618	36,816,586	
December .....	29,464,166	42,367,275	
TOTAL .....	220,006,682	337,803,726	

(\*) Does not include waste gas burned in the field.

Table 8 - Production of Natural Gas, by Provinces, 1959

Month	New Brunswick	Ontario	Saskat- chewan	Alberta	British Columbia	Northwest Territories	CANADA
(M cu. ft.)							
January ....	13,458	2,761,033	3,323,284	32,564,203	6,489,841	3,024	45,154,843
February ...	13,510	1,961,609	2,809,342	28,035,690	5,642,760	8,381	38,471,292
March .....	14,012	1,942,238	2,819,142	27,099,850	6,134,493	8,137	38,017,872
April .....	10,858	989,787	2,581,048	23,963,859	6,006,812	3,317	33,555,681
May .....	10,222	894,021	2,476,045	22,787,888	5,724,000	2,378	31,894,554
June .....	8,617	789,767	2,293,937	19,771,889	4,914,911	3,074	27,782,195
July .....	7,120	497,685	2,287,906	19,061,445	4,870,333	8,020	26,732,509
August .....	7,220	567,076	2,356,890	21,126,552	5,190,542	8,724	29,257,004
September ..	7,790	969,218	2,627,713	22,315,613	4,888,352	8,404	30,817,090
<hr/>							
Total							
Nine months	92,807	11,372,434	23,575,307	216,726,989	49,862,044	53,459	301,683,040



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol. 11 - No. 10

October, 1959

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during October, 1959, amounted to 15,123,401 barrels, compared with 16,461,674 barrels in the previous month. These figures do not include natural gasoline amounting to 115,119 barrels in October, 1959, and 76,766 barrels in October, 1958.

Table 1 - Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	October 1958	September 1959	October 1959	Year to date	
				1958	1959
New Brunswick .....	1,304	1,183	1,200	12,886	12,192
Ontario .....	78,554	80,924	87,691	638,812	841,896
Manitoba .....	472,678	424,571	406,542	4,940,320	4,237,383
Saskatchewan .....	3,861,752	4,080,916	3,932,829	37,321,299	39,446,336
Alberta .....	8,911,986	11,734,225	10,589,548	92,664,360	107,788,298
British Columbia .....	59,649	81,952	71,666	402,805	680,086
Northwest Territories .	29,232	57,903	33,925	382,766	333,357
CANADA .....	13,415,155	16,461,674	15,123,401	136,363,248	153,339,548

Table 2 - Production (\*) of Crude Petroleum, by Months, 1957-1959

Month	1957	1958	1959
		(In barrels)	
January .....	16,897,009	15,317,635	16,913,268
February .....	14,817,248	14,463,517	15,774,480
March .....	15,999,906	14,458,269	15,866,195
April .....	15,294,701	12,041,659	13,391,675
May .....	16,393,594	12,560,841	13,765,095
June .....	15,896,053	12,452,465	14,935,902
July .....	16,799,283	14,682,674	15,233,324
August .....	15,790,987	13,818,523	15,874,534
September .....	14,403,816	13,152,510	16,461,674
October .....	13,892,163	13,415,155	15,123,401
Total ten months ..	156,184,760	136,363,248	153,339,548
November .....	12,288,327	13,525,248	
December .....	13,374,917	15,607,700	
TOTAL .....	181,848,004	165,496,196	

(\*) These figures exclude natural gasoline.

Industry and Merchandising Division

6514-506-109



Crude Petroleum

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Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	October		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
Virden - Roselea .....	126,756	103,921	1,388,748	1,111,760
North Virden Scallion .....	181,443	163,753	1,924,692	1,604,703
Other Areas .....	164,479	138,868	1,526,880	1,521,753
Total crude oil .....	472,678	406,542	4,940,320	4,238,216

Table 4 - Production of Crude Petroleum in Saskatchewan, by Field

Field	October		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
Carnduff .....	275,967	180,040	2,471,863	2,170,990
Dollard .....	301,552	375,401	2,509,077	3,422,596
Nottingham .....	217,077	186,399	2,024,826	2,037,910
Steelman .....	954,857	906,065	9,372,996	9,663,208
Weyburn .....	520,084	460,095	5,317,359	4,697,944
Other Areas .....	1,639,186	1,824,829	15,624,829	17,453,688
Total crude oil .....	3,908,723	3,932,829	37,320,950	39,446,336

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	October		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	256,275	444,739	3,477,927	4,934,673
Fenn-Big Valley .....	410,538	500,192	4,549,500	5,173,162
Harmattan - Elkton .....	147,247	133,481	1,641,800	1,581,096
Joarcam .....	292,373	293,183	2,897,890	2,824,420
Joffre .....	521,068	539,130	4,364,897	5,259,440
Leduc-Woodbend .....	1,171,150	1,152,000	12,380,090	12,268,521
Pembina .....	2,750,268	2,877,265	27,148,598	28,732,108
Redwater .....	829,461	1,071,738	10,617,843	12,613,415
Sturgeon Lake South .....	218,364	250,535	2,382,717	2,689,200
Wizard Lake .....	74,180	197,183	1,270,509	2,228,484
Other Areas .....	2,241,062	3,130,102	21,932,589	29,483,779
Total crude oil .....	8,911,986	10,589,548	92,664,360	107,788,298

Table 6 - Production of Natural Gasoline in Alberta, by Fields

Field	October		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Acheson .....	1,169	1,667	13,413	15,190
Bonnie Glen .....	6,300	10,264	88,510	119,338
Cessford .....	341	5,145	341	38,064
Devon Leduc-Woodbend .....	9,700	10,285	103,319	101,089
Fenn Big-Valley-Stettler ....	-	3,063	-	32,301
Jumping Pound .....	7,383	6,039	60,379	60,160
Nevis .....	2,854	-	33,816	-
Pembina .....	7,106	29,631	7,106	295,404
Redwater .....	2,049	2,801	29,430	31,136
Turner Valley .....	39,864	46,224	381,065	412,618
Total natural gasoline .	76,766	115,119	717,379	1,105,300

Production of natural gas in Canada during October, 1959, amounted to 38,517,658 thousand cubic feet compared with 30,817,090 thousand cubic feet in the previous month. The output of natural gas in October, 1958, was 30,162,501 thousand cubic feet.

Table 7 - Production (\*) of Natural Gas, by Months, 1957-1959

Month	1957	1958	1959
	(M cu. ft.)		
January .....	22,633,311	30,937,476	45,154,843
February .....	19,504,456	29,196,932	38,471,292
March .....	18,277,833	31,528,723	38,017,872
April .....	18,534,237	27,103,366	33,555,681
May .....	13,896,935	22,845,606	31,894,554
June .....	12,587,158	19,833,422	27,782,195
July .....	12,415,299	20,341,023	26,732,509
August .....	13,192,605	21,753,125	29,257,004
September .....	14,638,574	24,917,691	30,817,090
October .....	20,635,490	30,162,501	38,517,658
Total ten months .....	166,315,898	258,619,863	340,200,698
November .....	24,226,618	36,816,586	
December .....	29,464,166	42,367,275	
TOTAL .....	220,006,682	337,803,726	

(\*) Does not include waste gas burned in the field.

Table 8 - Production of Natural Gas, by Provinces, 1959

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	CANADA
(M cu. ft.)							
January ....	13,458	2,761,033	3,323,284	32,564,203	6,489,841	3,024	45,154,843
February ...	13,510	1,961,609	2,809,342	28,035,690	5,642,760	8,381	38,471,292
March .....	14,012	1,942,238	2,819,142	27,099,850	6,134,493	8,137	38,017,872
April .....	10,858	989,787	2,581,048	23,963,859	6,006,812	3,317	33,555,681
May .....	10,222	894,021	2,476,045	22,787,888	5,724,000	2,378	31,894,554
June .....	8,617	789,767	2,293,937	19,771,889	4,914,911	3,074	27,782,195
July .....	7,120	497,685	2,287,906	19,061,445	4,870,333	8,020	26,732,509
August .....	7,220	567,076	2,356,890	21,126,552	5,190,542	8,724	29,257,004
September ..	7,790	969,218	2,627,713	22,315,613	4,888,352	8,404	30,817,090
October ....	7,981	1,157,119	3,168,332	28,304,142	5,877,815	2,269	38,517,658
Total ten Months ...	100,788	12,529,553	26,743,639	245,031,131	55,739,859	55,728	340,200,698





# DOMINION BUREAU OF STATISTICS

## OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol.11 - No. 11

November, 1959

Price: \$1.00 per year, 10¢ per copy.

### CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during November, 1959, amounted to 14,324,346 barrels, compared with 15,123,401 barrels in the previous month. These figures do not include natural gasoline amounting to 111,031 barrels in November, 1959, and 110,020 barrels in November, 1958.

Table 1 - Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	<u>November</u> 1958	<u>October</u> 1959	<u>November</u> 1959	<u>Year to date</u> 1 9 5 8	<u>Year to date</u> 1 9 5 9
New Brunswick .....	1,186	1,200	1,073	14,072	13,265
Ontario .....	67,058	87,691	81,244	705,870	923,140
Manitoba .....	447,338	406,542	399,357	5,387,658	4,636,740
Saskatchewan .....	3,571,705	3,932,829	3,915,496	40,893,004	43,361,832
Alberta .....	9,359,942	10,589,548	9,802,251	102,024,302	117,590,549
British Columbia .....	41,374	71,666	92,805	444,179	772,891
Northwest Territories .	36,645	33,925	32,120	419,411	365,477
CANADA .....	13,525,248	15,123,401	14,324,346	149,888,496	167,663,894

Table 2 - Production (\*) of Crude Petroleum, by Months, 1957-1959

Month	1 9 5 7	1 9 5 8	1 9 5 9
	(In barrels)		
January .....	16,897,009	15,317,635	16,913,268
February .....	14,817,248	14,463,517	15,774,480
March .....	15,999,906	14,458,269	15,866,195
April .....	15,294,701	12,041,659	13,391,675
May .....	16,393,594	12,560,841	13,765,095
June .....	15,896,053	12,452,465	14,935,902
July .....	16,799,283	14,682,674	15,233,324
August .....	15,790,987	13,818,523	15,874,534
September .....	14,403,816	13,152,510	16,461,674
October .....	13,892,163	13,415,155	15,123,401
November .....	12,288,327	13,525,248	14,324,346
Total eleven months .	168,473,087	149,888,496	167,663,894
December .....	13,374,917	15,607,700	
TOTAL .....	181,848,004	165,496,196	

(\*) These figures exclude natural gasoline.

Industry and Merchandising Division

Crude Petroleum

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Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	November		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
Virden - Roselea .....	119,205	101,673	1,507,953	1,213,433
North Virden Scallion .....	170,810	159,348	2,095,502	1,764,051
Other Areas .....	157,323	138,336	1,784,203	1,660,089
Total crude oil .....	447,338	399,357	5,387,658	4,637,573

Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	November		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
Carnduff .....	262,819	186,688	2,734,682	2,357,678
Dollard .....	298,450	368,415	2,807,527	3,791,011
Nottingham .....	215,142	198,077	2,239,968	2,235,987
Steelman .....	915,982	858,740	10,288,978	10,521,948
Weyburn .....	349,413	486,481	5,666,772	5,184,425
Other Areas .....	1,527,568	1,817,085	17,152,397	19,270,783
Total crude oil .....	3,569,374	3,915,486	40,890,324	43,361,832

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	November		Year to date	
	1958	1959	1958	1959
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	276,803	356,586	3,754,730	5,291,259
Fenn-Big Valley .....	477,280	433,173	5,026,780	5,606,335
Harmattan - Elkton .....	147,489	124,699	1,789,289	1,705,795
Joarcam .....	286,058	285,620	3,183,948	3,110,040
Joffre .....	487,349	527,092	4,852,246	4,852,246
Leduc-Woodbend .....	1,205,610	1,079,652	13,585,700	13,348,173
Pembina .....	2,897,890	2,734,180	30,046,488	30,046,488
Redwater .....	950,132	934,539	11,567,975	13,547,954
Sturgeon Lake South .....	227,724	229,161	2,610,441	2,918,361
Wizard Lake .....	83,000	184,853	1,353,509	2,413,337
Other Areas .....	2,320,607	2,912,696	24,253,196	34,750,561
Total crude oil .....	9,359,942	9,802,251	102,024,302	117,590,549

Table 6 - Production of Natural Gasoline in Alberta, by Fields

Field	November		Year to date	
	1 9 5 8	1 9 5 9	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Acheson .....	1,247	1,279	14,660	16,469
Bonnie Glen .....	8,986	8,485	97,496	127,823
Cessford .....	1,792	5,628	2,133	43,692
Devon Leduc-Woodbend .....	12,909	8,752	116,228	109,841
Fenn Big-Valley-Stettler ....	-	1,934	-	34,235
Hussar .....	-	830	-	830
Jumping Pound .....	8,103	6,946	68,482	67,106
Nevis .....	2,710	-	36,526	-
Pembina .....	26,437	29,994	33,543	325,398
Redwater .....	2,218	2,220	31,648	33,356
Turner Valley .....	45,618	44,248	426,683	456,866
Wayne-Rosedale .....	-	715	-	715
Total natural gasoline .....	110,020	111,031	827,399	1,216,331

Production of natural gas in Canada during November, 1959, amounted to 44,815,244 thousand cubic feet compared with 38,517,658 thousand cubic feet in the previous month. The output of natural gas in November, 1958, was 36,816,586 thousand cubic feet.

Table 7 - Production(\*) of Natural Gas, by Months, 1957-1959

Month	1 9 5 7	1 9 5 8	1 9 5 9
(M cu. ft.)			
January .....	22,633,311	30,937,476	45,154,843
February .....	19,504,456	29,196,932	38,471,292
March .....	18,277,833	31,528,723	38,017,872
April .....	18,534,237	27,103,366	33,555,681
May .....	13,896,935	22,845,606	31,894,554
June .....	12,587,158	19,833,422	27,782,195
July .....	12,415,299	20,341,023	26,732,509
August .....	13,192,605	21,753,125	29,257,004
September .....	14,638,574	24,917,691	30,817,090
October .....	20,635,490	30,162,501	38,517,658
November .....	24,226,618	36,816,586	44,815,244
Total eleven months .....	190,542,516	295,436,451	385,015,942
December .....	29,464,166	42,367,275	
TOTAL .....	220,006,682	337,803,726	

(\*) Does not include waste gas burned in the field.



Table 8 - Production of Natural Gas, by Provinces, 1959

Month	New Brunswick	Ontario	Saskat- chewan	Alberta	British Columbia	Northwest Territories	CANADA
(M cu. ft.)							
January ....	13,458	2,761,033	3,323,284	32,564,203	6,489,841	3,024	45,154,843
February ...	13,510	1,961,609	2,809,342	28,035,690	5,642,760	8,381	38,471,292
March .....	14,012	1,942,238	2,819,142	27,099,850	6,134,493	8,137	38,017,872
April .....	10,858	989,787	2,581,048	23,963,859	6,006,812	3,317	33,555,681
May .....	10,222	894,021	2,476,045	22,787,888	5,724,000	2,378	31,894,554
June .....	8,617	789,767	2,293,937	19,771,889	4,914,911	3,074	27,782,195
July .....	7,120	497,685	2,287,906	19,061,445	4,870,333	8,020	26,732,509
August .....	7,220	567,076	2,356,890	21,126,552	5,190,542	8,724	29,257,004
September ..	7,790	969,218	2,627,713	22,315,613	4,888,352	8,404	30,817,090
October ....	7,981	1,157,119	3,168,332	28,304,142	5,877,815	2,269	38,517,658
November ...	7,853	1,980,647	3,447,932	33,114,467	6,259,988	4,357	44,815,244
Total eleven months ...	108,641	14,510,200	30,191,571	278,145,598	61,999,847	60,085	385,015,942



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol.11 - No. 12

December, 1959

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during December, 1959, amounted to 17,102,960 barrels, compared with 14,324,320 barrels in the previous month. These figures do not include natural gasoline amounting to 130,982 barrels in December, 1959, and 115,791 barrels in December, 1958.

Table 1 - Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	December 1958	November 1959	December 1959	Year to date	
				1 9 5 8	1 9 5 9
New Brunswick .....	1,117	1,073	1,213	15,189	14,478
Ontario .....	72,471	81,244	81,158	778,341	1,004,298
Manitoba .....	441,568	399,331	418,445	5,829,226	5,056,075
Saskatchewan .....	3,733,144	3,915,496	4,080,636	44,626,148	47,442,468
Alberta .....	11,253,545	9,802,251	12,371,646	113,277,847	129,962,195
British Columbia .....	68,180	92,805	93,445	512,359	866,336
Northwest Territories ..	37,675	32,120	56,417	457,086	421,894
CANADA .....	15,607,700	14,324,320	17,102,960	165,496,196	184,767,744

Table 2 - Production (\*) of Crude Petroleum, by Months, 1957-1959

Month	1 9 5 7	1 9 5 8	1 9 5 9
	(In barrels)		
January .....	16,897,009	15,317,635	16,913,268
February .....	14,817,248	14,463,517	15,774,528(r)
March .....	15,999,906	14,458,269	15,866,195
April .....	15,294,701	12,041,659	13,391,627(r)
May .....	16,393,594	12,560,841	13,765,094(r)
June .....	15,896,053	12,452,465	14,935,902
July .....	16,799,283	14,682,674	15,233,132(r)
August .....	15,790,987	13,818,523	15,875,560(r)
September .....	14,403,816	13,152,510	16,461,757(r)
October .....	13,892,163	13,415,155	15,123,401
November .....	12,288,327	13,525,248	14,324,320(r)
December .....	13,374,917	15,607,700	17,102,960
TOTAL .....	181,848,004	165,496,196	184,767,744

(\*) These figures exclude natural gasoline.

(r) Revised.

Industry and Merchandising Division

Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	December		Year to date	
	1 9 5 8	1 9 5 9	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
Virden - Roselea .....	117,062	105,280	7,548,368	1,318,713
North Virden Scallion .....	167,141	166,454	7,841,845	1,930,505
Other Areas .....	157,365	146,711	9,383,956	1,806,857
Total crude oil .....	441,568	418,445	24,774,169	5,056,075

Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	December		Year to date	
	1 9 5 8	1 9 5 9	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
Carnduff .....	334,423	190,449	2,614,117	2,548,127
Dollard .....	32,682	304,837	339,750	4,095,848
Nottingham .....	100,176	224,685	1,171,391	2,460,672
Steelman .....	1,225,355	892,977	12,492,637	11,414,925
Weyburn .....	40,146	579,032	668,966	5,763,457
Other Areas .....	2,806,802	1,888,656	25,237,094	21,159,439
Total crude oil .....	4,539,584	4,080,636	42,523,955	47,442,468

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	December		Year to date	
	1 9 5 8	1 9 5 9	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	470,757	659,749	4,225,487	5,951,008
Fen-Big Valley .....	544,542	593,641	5,571,322	6,199,976
Harmattan - Elkton .....	190,782	140,124	1,980,071	1,845,919
Joarcam .....	292,239	300,484	3,476,187	3,410,524
Joffre .....	515,595	540,257	5,367,841	6,326,789
Leduc-Woodbend .....	1,324,537	1,249,910	14,910,237	14,598,083
Pembina .....	3,047,224	3,051,838	33,093,712	34,518,126
Redwater .....	1,506,465	1,564,154	13,074,440	15,112,108
Sturgeon Lake South .....	282,864	280,640	2,893,305	3,199,001
Wizard Lake .....	229,768	306,561	1,583,277	2,719,898
Other Areas .....	2,848,772	3,684,288	27,101,968	36,080,763
Total crude oil .....	11,253,545	12,371,646	113,277,847	129,962,195



Table 6 - Production of Natural Gasoline in Alberta, by Fields

Field	December		Year to date	
	1 9 5 8	1 9 5 9	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Acheson .....	1,375	1,764	16,035	18,233
Bonnie Glen .....	10,943	16,033	108,439	143,856
Cessford .....	3,592	5,277	5,725	48,969
Devon Leduc-Woodbend .....	10,518	11,060	126,746	120,901
Fenn Big-Valley-Stettler .....	-	7,829	-	42,064
Hussar .....	-	3,663	-	4,493
Jumping Pound .....	7,897	6,755	76,379	73,861
Nevis .....	3,351	-	39,877	-
Pembina .....	26,555	34,529	60,098	359,927
Redwater .....	3,143	3,626	34,791	36,982
Turner Valley .....	48,417	39,907	475,100	496,773
Wayne-Rosedale .....	-	539	-	1,254
Total natural gasoline .....	115,791	130,982	943,190	1,347,313

Production of natural gas in Canada during December, 1959, amounted to 48,166,985 thousand cubic feet compared with 44,815,244 thousand cubic feet in the previous month. The output of natural gas in December, 1958, was 42,367,275 thousand cubic feet.

Table 7 - Production(\*) of Natural Gas, by Months, 1957-1959

Month	1 9 5 7	1 9 5 8	1 9 5 9
(M cu. ft.)			
January .....	22,633,311	30,937,476	45,154,843
February .....	19,504,456	29,196,932	38,471,292
March .....	18,277,833	31,528,723	38,017,872
April .....	18,534,237	27,103,366	33,555,681
May .....	13,896,935	22,845,606	31,894,554
June .....	12,587,158	19,833,422	27,782,195
July .....	12,415,299	20,341,023	26,732,509
August .....	13,192,605	21,753,125	29,257,004
September .....	14,638,574	24,917,691	30,817,090
October .....	20,635,490	30,162,501	38,517,658
November .....	24,226,618	36,816,586	44,815,244
December .....	29,464,166	42,367,275	48,166,985
TOTAL .....	220,006,682	337,803,726	433,182,927

(\*) Does not include waste gas burned in the field.

Table 8 - Production of Natural Gas, by Provinces, 1959

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	CANADA
(M cu. ft.)							
January ...	13,458	2,761,030	3,323,284	32,564,203	6,489,841	3,024	45,154,843
February ..	13,510	1,961,609	2,809,342	28,035,690	5,642,760	8,381	38,471,292
March .....	14,012	1,942,238	2,819,142	27,099,850	6,134,493	8,137	38,017,872
April .....	10,858	989,787	2,581,048	23,963,859	6,006,812	3,317	33,555,681
May .....	10,222	894,021	2,476,045	22,787,888	5,724,000	2,378	31,894,554
June .....	8,617	789,767	2,293,937	19,771,889	4,914,911	3,074	27,782,195
July .....	7,120	497,685	2,287,906	19,061,445	4,870,333	8,020	26,732,509
August ....	7,220	567,076	2,356,890	21,126,552	5,190,542	8,724	29,257,004
September .	7,790	969,218	2,627,713	22,315,613	4,888,352	8,404	30,817,090
October ...	7,981	1,157,119	3,168,332	28,304,142	5,877,815	2,269	38,517,658
November ..	7,853	1,980,647	3,447,932	33,114,467	6,259,988	4,357	44,815,244
December ..	8,861	2,034,400	3,421,395	35,566,364	7,128,861	7,104	48,166,985
Total .....	117,502	16,544,600	33,612,966	313,711,962	69,128,708	67,189	433,182,927



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol. 12 - No. 1

January, 1960

Price: \$1.00 per year, 10¢ per copy

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MAY 3 1960

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during January, 1960, amounted to 18,319,315 barrels, compared with 17,102,960 barrels in the previous month. These figures do not include natural gasoline amounting to 137,256 barrels in January, 1960, and 127,923 barrels in January, 1959.

Table 1 - Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	January	December	January	Year-end	
	1959	1959	1960	1958	1959
New Brunswick .....	1,301	1,213	1,276	15,189	14,478
Ontario .....	77,229	81,158	69,178	778,341	1,004,298
Manitoba .....	432,208	418,445	402,081	5,829,226	5,056,075
Saskatchewan .....	3,795,495	4,080,636	4,025,114	44,626,148	47,442,468
Alberta .....	12,498,236	12,371,646	13,691,841	113,277,847	129,962,195
British Columbia .....	84,640	93,445	89,709	512,359	866,234
Northwest Territories ..	24,159	56,417	40,116	457,086	421,894
CANADA .....	16,913,268	17,102,960	18,319,315	165,496,196	184,767,642

Table 2 - Production (\*) of Crude Petroleum, by Months, 1958-1960

Month	1958	1959	1960
	(In barrels)		
January .....	15,317,635	16,913,268	18,319,315
February .....	14,463,517	15,774,542(r)	
March .....	14,458,269	15,866,089(r)	
April .....	12,041,659	13,391,627	
May .....	12,560,841	13,765,094	
June .....	12,452,465	14,935,902	
July .....	14,682,674	15,233,132	
August .....	13,818,523	15,875,560	
September .....	13,152,510	16,461,747(r)	
October .....	13,415,155	15,123,401	
November .....	13,525,248	14,324,320	
December .....	15,607,700	17,102,960	
TOTAL .....	165,496,196	184,767,642(r)	

(\*) These figures exclude natural gasoline.

(r) Revised.

Industry and Merchandising Division.



Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	January		Year-end	
	1 9 5 9	1 9 6 0	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
Virden - Roselea .....	114,634	103,057	7,548,368	1,318,713
North Virden Scallion .....	163,489	158,381	7,841,845	1,930,505
Other Areas .....	154,085	140,643	9,383,956	1,806,857
Total crude oil .....	432,208	402,081	24,774,169	5,056,075

Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	January		Year-end	
	1 9 5 9	1 9 6 0	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
Carnduff .....	230,076	181,487	2,614,117	2,548,127
Dollard .....	332,986	355,194	339,750	4,095,848
Nottingham .....	199,958	210,517	1,171,391	2,460,672
Steelman .....	952,733	752,683	12,492,637	11,414,925
Weyburn .....	475,395	657,943	668,966	5,763,457
Other Areas .....	1,604,347	1,867,290	25,237,094	21,159,439
Total crude oil .....	3,795,495	4,025,114	42,523,955	47,442,468

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	January		Year-end	
	1 9 5 9	1 9 6 0	1 9 5 8	1 9 5 9
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	688,848	947,903	4,225,487	5,951,008
Fenn-Big Valley .....	581,660	684,703	5,571,322	6,199,976
Harmattan - Elkton .....	221,159	142,498	1,980,071	1,845,919
Joarcam .....	285,008	289,970	3,476,187	3,410,524
Joffre .....	538,732	524,343	5,367,841	6,326,789
Leduc-Woodbend .....	1,406,523	1,281,149	14,910,237	14,598,083
Pembina .....	3,076,177	2,970,455	33,093,712	34,518,126
Redwater .....	1,774,053	1,803,562	13,074,440	15,112,108
Sturgeon Lake South .....	331,806	289,126	2,893,305	3,199,001
Wizard Lake .....	312,953	513,741	1,583,277	2,719,898
Other Areas .....	3,281,317	4,244,391	27,101,968	36,080,763
Total crude oil .....	12,498,236	13,691,841	113,277,847	129,962,195

Table 6 - Production of Natural Gasoline in Alberta, by Fields

Field	January		Year-end	
	1959	1960	1958	1959
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Acheson .....	1,668	1,778	16,035	18,233
Bonnie Glen .....	14,542	17,816	108,439	143,856
Cessford .....	3,553	4,970	5,725	48,969
Devon Leduc-Woodbend .....	10,222	12,536	126,746	120,901
Fenn Big-Valley-Stettler .....	3,263	-	-	42,064
Hussar .....	-	2,627	-	4,493
Jumping Pound .....	8,396	7,167	76,379	73,861
Nevis .....	-	8,649	39,877	-
Pembina .....	30,400	31,343	60,098	359,927
Redwater .....	2,967	3,479	34,791	36,982
Turner Valley .....	52,912	46,281	475,100	496,773
Wayne-Rosedale .....	-	610	-	1,254
Total natural gasoline .....	127,923	137,256	943,190	1,347,313

Production of natural gas in Canada during January, 1960, amounted to 50,479,351 thousand cubic feet compared with 48,166,985 thousand cubic feet in the previous month. The output of natural gas in January, 1959, was 45,154,843 thousand cubic feet.

Table 7 - Production (\*) of Natural Gas, by Months, 1958-1960

Month	1958	1959	1960
	(M cu. ft.)		
January .....	30,937,476	45,154,843	50,479,351
February .....	29,196,932	38,471,292	
March .....	31,528,723	38,017,812	
April .....	27,103,366	33,555,681	
May .....	22,845,606	31,894,554	
June .....	19,833,422	27,782,195	
July .....	20,341,023	26,732,509	
August .....	21,753,125	29,257,004	
September .....	24,917,691	30,817,090	
October .....	30,162,501	38,517,658	
November .....	36,816,586	44,815,244	
December .....	42,367,275	48,166,985	
TOTAL .....	337,803,726	433,182,927	

(\*) Does not include waste gas burned in the field.

Table 8 - Production of Natural Gas, by Provinces, 1960

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	CANADA
	(M cu. ft.)						
January ..	10,735	2,113,181	3,325,676	37,637,793	7,387,632	4,334	50,479,351







## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol.12 - No.2

February, 1960

Price: \$1.00 per year, 10¢ per copy.

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CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during February, 1960, amounted to 15,907,780 barrels, compared with 18,319,315 barrels in the previous month. These figures do not include natural gasoline amounting to 121,928 barrels in February, 1960, and 118,019 barrels in February, 1959.

Table 1 - Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	February	January	February	Year to date	
	1959	1960	1960	1959	1960
New Brunswick .....	1,155	1,276	1,308	2,456	2,584
Ontario .....	80,240	69,178	74,047	157,469	143,225
Manitoba .....	383,256	402,081	374,222	815,464	776,303
Saskatchewan .....	3,579,051	4,025,114	3,982,124	7,374,545	8,007,238
Alberta .....	11,626,510	13,691,841	11,370,693	24,124,746	25,062,534
British Columbia .....	69,399	89,709	77,255	154,039	166,964
Northwest Territories .	34,931	40,116	28,131	59,090	68,217
CANADA .....	15,774,542	18,319,315	15,907,780	32,687,810	34,227,095

Table 2 - Production (\*) of Crude Petroleum, by Months, 1958-1960

Month	1958	1959	1960
	(In barrels)		
January .....	15,317,635	16,913,268	18,319,315
February .....	14,463,517	15,774,542	15,907,780
Total two months .....	29,781,152	32,687,810	34,227,095
March .....	14,458,269	15,866,089	
April .....	12,041,659	13,391,627	
May .....	12,560,841	13,765,094	
June .....	12,452,465	14,935,902	
July .....	14,682,674	15,233,132	
August .....	13,818,523	15,875,560	
September .....	13,152,510	16,461,747	
October .....	13,415,155	15,123,401	
November .....	13,525,248	14,324,320	
December .....	15,607,700	17,102,960	
TOTAL .....	165,496,196	184,767,642	

(\*) These figures exclude natural gasoline.

Industry and Merchandising Division

6514-506-20

The Queen's Printer and Controller of Stationery, Ottawa, 1960

Crude Petroleum

- 2 -

Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	February		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Virden - Roselea .....	100,124	97,540	214,758	200,597
North Virden Scallion .....	145,226	147,460	307,253	305,841
Other Areas .....	137,858	129,222	293,405	269,865
Total crude oil .....	383,208	374,222	815,416	776,303

Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	February		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Carnduff .....	223,065	169,838	453,141	351,325
Dollard .....	305,750	299,227	638,736	654,421
Nottingham .....	196,536	192,542	396,494	403,059
Steelman .....	909,114	768,677	1,861,847	1,521,360
Weyburn .....	473,989	727,163	949,384	1,385,106
Other Areas .....	1,470,597	1,824,677	3,074,944	3,691,967
Total crude oil .....	3,579,051	3,982,124	7,374,546	8,007,238

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	February		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	644,899	1,333,747	583,675	1,531,578
Fenn-Big Valley .....	604,731	495,964	1,186,391	1,180,667
Harmattan - Elkton .....	201,517	123,665	422,676	266,163
Joarcam .....	261,277	272,174	546,285	562,144
Joffre .....	475,540	501,595	1,014,272	1,025,938
Leduc-Woodbend .....	1,313,363	1,115,619	2,719,886	2,396,768
Pembina .....	2,828,386	2,792,802	5,904,563	5,763,257
Redwater .....	1,695,497	1,292,563	3,469,550	3,096,125
Sturgeon Lake South .....	307,045	250,886	638,851	540,012
Wizard Lake .....	310,430	296,755	623,383	810,496
Other Areas .....	2,984,357	2,894,923	7,015,746	7,889,386
Total crude oil .....	11,627,042	11,370,693	24,125,278	25,062,534



Table 6 - Production of Natural Gasoline in Alberta, by Fields

Field	February		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Acheson .....	1,389	1,394	3,057	3,172
Bonnie Glen .....	14,020	17,932	28,562	35,748
Cessford .....	3,965	4,229	7,518	9,199
Devon Leduc-Woodbend .....	9,714	9,878	19,936	22,414
Fenn Big-Valley-Stettler .....	2,979	-	6,242	-
Hussar .....	-	3,091	-	5,718
Jumping Pound .....	7,149	6,854	15,545	14,021
Nevis .....	-	7,271	-	15,920
Pembina .....	29,718	28,967	60,118	60,310
Redwater .....	3,156	2,392	6,123	5,871
Turner Valley .....	45,929	39,099	98,841	85,380
Wayne-Rosedale .....	-	821	-	1,431
Total natural gasoline ....	118,019	121,928	245,942	259,184

Production of natural gas in Canada during March, 1960, amounted to 46,159,912 thousand cubic feet compared with 50,479,351 thousand cubic feet in the previous month. The output of natural gas in February, 1959, was 38,471,292 thousand cubic feet.

Table 7 - Production (\*) of Natural Gas, by Months, 1958-1960

Month	1958	1959	1960
		(M cu. ft.)	
January .....	30,937,476	45,154,843	50,479,351
February .....	29,196,932	38,471,292	46,159,912
Total two months .....	60,134,408	83,626,135	96,639,263
March .....	31,528,723	38,017,872	
April .....	27,103,366	33,555,681	
May .....	22,845,606	31,894,554	
June .....	19,833,422	27,782,195	
July .....	20,341,023	26,732,509	
August .....	21,753,125	29,257,004	
September .....	24,917,691	30,817,090	
October .....	30,162,501	38,517,658	
November .....	36,816,586	44,815,244	
December .....	42,367,275	48,166,985	
TOTAL .....	337,803,726	433,182,927	

(\*) Does not include waste gas burned in the field.

Table 8 - Production of Natural Gas, by Provinces, 1960

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	CANADA
							(M cu. ft.)
January ..	10,735	2,113,181	3,325,676	37,637,793	7,387,632	4,334	50,479,351
February ..	9,394	2,123,922	3,221,293	33,855,811	6,942,684	6,808	46,159,912
Total two months ..	20,129	4,237,103	6,546,969	71,493,604	14,330,316	11,142	96,639,263







## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol.12 - No.3

March, 1960

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Price: \$1.00 per year, 10¢ per copy.

JUL 26 1960

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during March, 1960, amounted to 17,386,929 barrels, compared with 15,907,780 barrels in the previous month. These figures do not include natural gasoline amounting to 127,784 barrels in March, 1960, and 117,734 barrels in March, 1959.

Table 1 - Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	March	February	March	Year to date	
	1959	1960	1960	1959	1960
New Brunswick .....	1,351	1,308	1,089	3,807	3,673
Ontario .....	89,112	74,047	79,489	246,581	222,714
Manitoba .....	437,362	374,222	393,246	1,252,826	1,169,549
Saskatchewan .....	4,296,914	3,982,124	4,664,561	11,671,460	12,671,799
Alberta .....	10,931,756	11,370,693	12,124,493	35,056,502	37,187,027
British Columbia .....	73,864	77,255	80,629	227,903	247,593
Northwest Territories ..	35,730	28,131	43,422	94,820	111,669
CANADA .....	15,866,089	15,907,780	17,386,929	48,553,899	51,614,024

Table 2 - Production (\*) of Crude Petroleum, by Months, 1958-1960

Month	1958	1959	1960
	(In barrels)		
January .....	15,317,635	16,913,268	18,319,315
February .....	14,463,517	15,774,542	15,907,780
March .....	14,458,269	15,866,089	17,386,929
Total three months ..	44,239,421	48,553,899	51,614,024
April .....	12,041,659	13,391,627	
May .....	12,560,841	13,765,094	
June .....	12,452,465	14,935,902	
July .....	14,682,674	15,233,132	
August .....	13,818,523	15,875,560	
September .....	13,152,510	16,461,747	
October .....	13,415,155	15,123,401	
November .....	13,525,248	14,324,320	
December .....	15,607,700	17,102,960	
TOTAL .....	165,496,196	184,767,642	

(\*) These figures exclude natural gasoline.

Industry and Merchandising Division

6514-506-30

Crude Petroleum

- 2 -

Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	March		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Virden - Roselea .....	114,240	102,692	328,998	303,289
North Virden Scallion .....	160,578	153,810	467,831	459,651
Other Areas .....	162,544	136,744	455,949	406,609
Total crude oil .....	437,362	393,246	1,252,778	1,169,549

Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	March		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Carnduff .....	261,537	192,685	714,678	544,010
Dollard .....	355,258	334,570	993,994	988,991
Nottingham .....	232,588	218,918	629,082	621,977
Steelman .....	1,049,831	803,704	2,911,678	2,325,064
Weyburn .....	645,054	1,037,636	1,594,438	2,422,742
Other Areas .....	1,752,646	2,077,048	4,827,590	5,769,015
Total crude oil .....	4,296,914	4,664,561	11,671,460	12,671,799

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	March		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	441,179	572,977	1,774,926	2,104,555
Fern-Big Valley .....	516,750	515,816	1,703,141	1,696,483
Harmattan - Elkton .....	192,837	130,330	615,513	396,493
Joarcam .....	288,522	293,625	834,807	855,769
Joffre .....	543,268	539,565	1,557,540	1,565,503
Leduc-Woodbend .....	1,283,171	1,169,732	4,003,057	3,566,500
Pembina .....	3,338,357	3,477,302	9,644,934	9,865,576
Redwater .....	1,192,598	1,317,782	4,662,148	4,413,907
Sturgeon Lake South .....	287,049	262,357	925,900	802,369
Wizard Lake .....	170,749	292,087	794,132	1,102,583
Other Areas .....	2,677,276	3,552,920	8,540,936	10,817,289
Total crude oil .....	10,931,756	12,124,493	35,057,034	37,187,027



Table 6 - Production of Natural Gasoline in Alberta, by Fields

Field	March		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Acheson .....	1,361	1,446	4,418	4,618
Bonnie Glen .....	14,107	14,628	42,669	50,376
Cessford .....	3,868	5,482	11,386	14,681
Devon Leduc-Woodbend .....	8,638	9,839	28,574	32,253
Fenn Big-Valley-Stettler .....	2,821	-	9,063	-
Hussar .....	-	3,593	-	9,311
Jumping Pound .....	7,781	6,539	23,326	20,560
Nevis .....	-	6,807	-	22,727
Pembina .....	34,816	32,722	94,934	93,032
Redwater .....	2,496	2,488	8,619	8,359
Turner Valley .....	41,846	43,473	140,687	128,853
Wayne-Rosedale .....	-	767	-	2,198
Total natural gasoline ....	117,734	127,784	363,676	386,968

Production of natural gas in Canada during March, 1960, amounted to 49,040,649 thousand cubic feet compared with 46,159,912 thousand cubic feet in the previous month. The output of natural gas in March, 1959, was 38,017,782 thousand cubic feet.

Table 7 - Production (\*) of Natural Gas, by Months, 1958-1960

Month	1958	1959	1960
	(M cu. ft.)		
January .....	30,937,476	45,154,843	50,479,351
February .....	29,196,932	38,471,292	46,159,912
March .....	31,528,723	38,017,872	49,040,649
Total three months .....	91,663,131	121,644,007	145,679,912
April .....	27,103,366	33,555,681	
May .....	22,845,606	31,894,554	
June .....	19,833,422	27,782,195	
July .....	20,341,023	26,732,509	
August .....	21,753,125	29,257,004	
September .....	24,917,691	30,817,090	
October .....	30,162,501	38,517,658	
November .....	36,816,586	44,815,244	
December .....	42,367,275	42,166,985	
TOTAL .....	337,803,726	433,182,927	

(\*) Does not include waste gas burned in the field.

Table 8 - Production of Natural Gas, by Provinces, 1960

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	CANADA
	(M cu. ft.)						
January ..	10,735	2,113,181	3,325,676	37,637,793	7,387,632	4,334	50,479,351
February .	9,394	2,123,922	3,221,293	33,855,811	6,942,684	6,808	46,159,912
March ....	9,556	2,343,721	3,047,535	36,307,465	7,327,705	4,667	49,040,649
Total three months .	29,685	6,580,824	9,594,540	107,801,069	21,658,021	15,809	145,679,912





# DOMINION BUREAU OF STATISTICS

## OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol.12 - No.4

April, 1960

Price: \$1.00 per year, 10¢ per copy.

### CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during April, 1960, amounted to 14,693,387 barrels, compared with 17,386,929 barrels in the previous month. These figures do not include natural gasoline amounting to 100,582 barrels in April, 1960, and 98,787 barrels in April, 1959.

Table 1 - Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	April 1959	March 1960	April 1960	Year to date	
				1959	1960
New Brunswick .....	1,231	1,089	1,188	5,038	4,861
Ontario .....	86,517	79,489	82,873	333,098	305,587
Manitoba .....	422,426	393,246	378,720	1,675,252	1,548,269
Saskatchewan .....	3,734,174	4,664,561	4,281,904	15,405,634	16,953,703
Alberta .....	9,072,059	12,124,493	9,879,575	44,128,561	47,066,602
British Columbia .....	40,296	80,629	26,036	268,199	273,629
Northwest Territories ..	34,924	43,422	43,091	129,744	154,760
CANADA .....	13,391,627	17,386,929	14,693,387	61,945,526	66,307,411

Table 2 - Production (\*) of Crude Petroleum, by Months, 1958-1960

Month	1958	1959	1960
	(In barrels)		
January .....	15,317,635	16,913,268	18,319,315
February .....	14,463,517	15,774,542	15,907,780
March .....	14,458,269	15,866,089	17,386,929
April .....	12,041,659	13,391,627	14,693,387
Total four months ..	56,281,080	61,945,526	66,307,411
May .....	12,560,841	13,765,094	
June .....	12,452,465	14,935,902	
July .....	14,682,674	15,233,132	
August .....	13,818,523	15,875,560	
September .....	13,152,510	16,461,747	
October .....	13,415,155	15,123,401	
November .....	13,525,248	14,324,320	
December .....	15,607,700	17,102,960	
TOTAL .....	165,496,196	184,767,642	

(\*) These figures exclude natural gasoline.

Industry and Merchandising Division



Crude Petroleum

- 2 -

Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	April		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Virden - Roselea .....	112,545	100,568	441,543	403,857
North Virden Scallion .....	159,311	144,531	627,142	604,182
Other Areas .....	150,618	133,621	606,567	540,230
Total crude oil .....	422,474	378,720	1,675,252	1,548,269

Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	April		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Dollard .....	307,833	349,533	1,301,827	1,338,524
Midale .....	165,341	320,221	759,032	1,132,939
Nottingham .....	204,516	217,890	833,598	839,867
Steelman .....	983,392	710,969	3,895,070	3,036,033
Weyburn .....	373,232	875,392	1,967,670	3,298,134
Other Areas .....	1,699,860	1,807,899	6,648,437	7,308,206
Total crude oil .....	3,734,174	4,281,904	15,405,634	16,953,703

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	April		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	243,944	314,517	2,018,870	2,419,072
Fenn-Big Valley .....	391,002	405,750	2,094,143	2,102,233
Harmattan - Elkton .....	141,164	112,118	756,677	508,611
Joarcam .....	278,805	279,934	1,113,612	1,135,703
Joffre .....	510,530	511,407	2,068,070	2,076,910
Leduc-Woodbend .....	1,113,811	1,051,126	5,116,868	4,617,626
Pembina .....	3,127,041	3,051,378	12,771,975	12,918,696
Redwater .....	798,870	870,542	5,461,018	5,284,449
Sturgeon Lake South .....	220,774	220,726	1,146,674	1,023,095
Wizard Lake .....	77,676	129,650	871,808	1,232,233
Other Areas .....	2,168,434	2,932,427	10,709,370	13,747,974
Total crude oil .....	9,072,051	9,879,575	44,129,085	47,066,602

Table 6 - Production of Natural Gasoline in Alberta, by Fields

Field	April		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Acheson .....	877	892	5,295	5,510
Bonnie Glen .....	8,225	6,924	50,894	57,300
Cessford .....	3,896	3,504	15,282	18,185
Devon Leduc-Woodbend .....	8,346	8,789	36,920	41,042
Fenn Big-Valley-Stettler .....	2,376	-	11,439	-
Hussar .....	-	3,436	-	12,747
Jumping Pound .....	7,000	5,672	30,326	26,232
Nevis .....	-	6,786	-	29,513
Pembina .....	30,201	26,729	125,135	119,761
Redwater .....	1,761	1,836	10,380	10,195
Turner Valley .....	36,105	35,104	176,792	163,957
Wayne-Rosedale .....	-	910	-	3,108
Total natural gasoline ..	98,787	100,582	462,463	478,550

Production of natural gas in Canada during April, 1960, amounted to 40,828,876 thousand cubic feet compared with 49,040,649 thousand cubic feet in the previous month. The output of natural gas in April, 1959, was 33,555,681 thousand cubic feet.

Table 7 - Production (\*) of Natural Gas, by Months, 1958-1960

Month	1958	1959	1960
		(M cu. ft.)	
January .....	30,937,476	45,154,843	50,479,351
February .....	29,196,932	38,471,292	46,159,912
March .....	31,528,723	38,017,872	49,040,649
April .....	27,103,366	33,555,681	40,828,876
Total four months .....	118,766,497	155,199,688	186,508,788
May .....	22,845,606	31,894,554	
June .....	19,833,422	27,782,195	
July .....	20,341,023	26,732,509	
August .....	21,753,125	29,257,004	
September .....	24,917,691	30,817,090	
October .....	30,162,501	38,517,658	
November .....	36,816,586	44,815,244	
December .....	42,367,275	48,166,985	
TOTAL .....	337,803,726	433,182,927	

(\*) Does not include waste gas burned in the field.

Table 8 - Production of Natural Gas, by Provinces, 1960

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	CANADA
(M cu. ft.)							
January ..	10,735	2,113,181	3,325,676	37,637,793	7,387,632	4,334	50,479,351
February .	9,394	2,123,922	3,221,293	33,855,811	6,942,684	6,808	46,159,912
March ....	9,556	2,343,721	3,047,535	36,307,465	7,327,705	4,667	49,040,649
April ....	8,114	1,197,000	2,364,066	30,056,439	7,199,831	3,426	40,828,876
Total four months ..	37,799	7,777,824	11,958,570	137,857,508	28,857,852	19,235	186,508,788





## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol.12 - No.5

May, 1960

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during May, 1960, amounted to 16,681,752 barrels, compared with 14,693,387 barrels in the previous month. These figures do not include natural gasoline amounting to 106,949 barrels in May, 1960, and 103,217 barrels in May, 1959.

Table 1 - Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	May	April	May	Year to date	
	1959	1960	1960	1959	1960
New Brunswick .....	1,126	1,188	1,222	6,164	6,083
Ontario .....	86,099	82,873	93,873	419,197	399,460
Manitoba .....	433,815	378,720	392,293	2,109,067	1,940,562
Saskatchewan .....	3,672,382	4,281,904	4,472,618	19,078,016	21,426,321
Alberta .....	9,503,649	9,879,575	11,647,236	53,632,210	58,713,838
British Columbia .....	64,767	26,036	56,276	332,966	329,905
Northwest Territories .	3,256	43,091	18,234	133,000	172,994
CANADA .....	13,765,094	14,693,387	16,681,752	75,710,620	82,989,163

Table 2 - Production (\*) of Crude Petroleum, by Months, 1958-1960

Month	1958	1959	1960
	(In barrels)		
January .....	15,317,635	16,913,268	18,319,315
February .....	14,463,517	15,774,542	15,907,780
March .....	14,458,269	15,866,089	17,386,929
April .....	12,041,659	13,391,627	14,693,387
May .....	12,560,841	13,765,094	16,681,752
Total five months ..	68,841,921	75,710,620	82,989,163
June .....	12,452,465	14,935,002	
July .....	14,682,674	15,233,132	
August .....	13,818,523	15,875,560	
September .....	13,152,510	16,461,747	
October .....	13,415,155	15,123,401	
November .....	13,525,248	14,324,320	
December .....	15,607,700	17,102,960	
TOTAL .....	165,496,196	184,767,642	

(\*) These figures exclude natural gasoline.

Industry and Merchandising Division

Crude Petroleum

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Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	May		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Viriden - Roselea .....	114,550	103,944	556,093	507,801
North Viriden Scallion .....	159,568	148,836	786,710	753,018
Other Areas .....	159,698	139,513	766,265	679,743
Total crude oil .....	433,816	392,293	2,109,068	1,940,562

Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	May		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Dollard .....	281,939	309,969	1,583,766	1,648,493
Midale .....	159,862	338,770	918,894	1,471,709
Nottingham .....	197,409	237,776	1,031,007	1,077,643
Steelman .....	1,008,964	756,780	4,904,034	3,792,813
Weyburn .....	326,709	999,267	2,294,379	4,297,401
Other Areas .....	1,697,499	1,830,056	8,345,936	9,138,262
Total crude oil .....	3,672,382	4,472,618	19,078,016	21,426,321

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	May		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	248,289	482,392	2,267,159	2,901,464
Penn-Big Valley .....	408,665	596,729	2,502,808	2,698,962
Harmattan - Elkton .....	153,777	133,989	910,454	642,600
Joarcam .....	286,784	291,159	1,400,396	1,426,862
Joffre .....	543,684	540,239	2,611,754	2,617,149
Leduc-Woodbend .....	1,199,732	1,172,649	6,316,600	5,790,275
Pembina .....	3,143,862	3,287,252	15,915,837	16,205,948
Redwater .....	873,855	1,247,561	6,334,873	6,532,010
Sturgeon Lake South .....	223,567	250,452	1,370,241	1,273,547
Wizard Lake .....	79,972	224,608	951,780	1,456,841
Other Areas .....	2,341,462	3,420,206	13,050,832	17,168,180
Total crude oil .....	9,503,649	11,647,236	53,632,734	58,713,838

Table 6 - Production of Natural Gasoline in Alberta, by Fields

Field	May		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Acheson .....	1,030	1,395	6,325	6,905
Bonnie Glen .....	5,347	10,072	56,241	67,372
Cessford .....	3,127	3,723	18,409	21,908
Devon Leduc-Woodbend .....	9,257	11,343	46,177	52,385
Fenn Big-Valley-Stettler .....	2,859	-	14,298	-
Hussar .....	-	3,289	-	16,036
Jumping Pound .....	5,460	5,639	35,786	31,871
Nevis .....	-	7,373	-	36,886
Pembina .....	20,309	26,983	154,444	146,744
Redwater .....	2,258	3,058	12,638	13,253
Turner Valley .....	44,570	33,195	221,362	197,152
Wayne-Rosedale .....	-	879	-	3,987
Total natural gasoline ....	103,217	106,949	565,680	594,499

Production of natural gas in Canada during May, 1960, amounted to 38,939,933 thousand cubic feet compared with 40,828,876 thousand cubic feet in the previous month. The output of natural gas in May, 1959, was 31,894,554 thousand cubic feet.

Table 7 - Production (\*) of Natural Gas, by Months, 1958-1960

Month	1958	1959	1960
(M cu. ft.)			
January .....	30,937,476	45,154,843	50,479,351
February .....	29,196,932	38,471,292	46,159,912
March .....	31,528,723	38,017,872	49,040,649
April .....	27,103,366	33,555,681	40,828,876
May .....	22,845,606	31,894,554	38,939,933
Total five months .....	141,612,103	187,094,242	225,448,721
June .....	19,833,422	27,782,195	
July .....	20,341,023	26,732,509	
August .....	21,753,125	29,257,004	
September .....	24,917,691	30,817,090	
October .....	30,162,501	38,517,658	
November .....	36,816,586	44,815,244	
December .....	42,367,275	48,166,985	
TOTAL .....	337,803,726	433,182,927	

(\*) Does not include waste gas burned in the field.



Table 8 - Production of Natural Gas, by Provinces, 1960

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	CANADA
(M cu. ft.)							
January ..	10,735	2,113,181	3,325,676	37,637,793	7,387,632	4,334	50,479,351
February .	9,394	2,123,922	3,221,293	33,855,811	6,942,684	6,808	46,159,912
March ....	9,556	2,343,721	3,047,535	36,307,465	7,327,705	4,667	49,040,649
April ....	8,114	1,197,000	2,364,066	30,056,439	7,199,831	3,426	40,828,876
May .....	7,689	959,000	2,270,040	28,634,571	7,067,390	1,243	38,939,933
Total five months ..	45,488	8,736,824	14,228,610	166,492,079	35,925,242	20,478	225,448,721



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol.12 - No.6

June, 1960

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during June, 1960, amounted to 15,837,389 barrels, compared with 16,681,752 barrels in the previous month. These figures do not include natural gasoline amounting to 101,500 barrels in June 1960, and 102,269 barrels in June, 1959.

Table 1 - Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	June	May	June	Year to date	
	1959	1960	1960	1959	1960
New Brunswick .....	1,344	1,222	1,155	7,508	7,238
Ontario .....	86,234	93,873	92,854	505,431	492,314
Manitoba .....	422,351	392,293	391,576	2,531,418	2,332,138
Saskatchewan .....	3,837,041	4,472,618	4,306,452	22,915,057	25,732,773
Alberta .....	10,495,706	11,647,236	10,946,013	64,128,440	69,659,851
British Columbia .....	72,738	56,276	74,464	405,704	404,369
Northwest Territories ..	20,488	18,234	24,375	153,488	197,869
CANADA .....	14,935,902	16,681,752	15,837,389	90,647,046	98,826,552

Table 2 - Production (\*) of Crude Petroleum, by Months, 1958-1960

Month	1958	1959(r)	1960
	(In barrels)		
January .....	15,317,635	16,913,268	18,319,315
February .....	14,463,517	15,775,074	15,907,780
March .....	14,458,269	15,866,089	17,386,929
April .....	12,041,659	13,391,619	14,693,387
May .....	12,560,841	13,765,094	16,681,752
June .....	12,452,465	14,935,902	15,837,389
Total six months .....	81,294,386	90,647,046	98,826,552
July .....	14,682,674	15,233,140	
August .....	13,818,523	15,875,560	
September .....	13,152,510	16,461,754	
October .....	13,415,155	15,123,550	
November .....	13,525,248	14,324,835	
December .....	15,607,700	17,112,612	
TOTAL .....	165,496,196	184,778,497	

(\*) These figures exclude natural gasoline.

Industry and Merchandising Division

# Crude Petroleum

- 2 -

Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	June		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Virden - Roselea .....	111,382	102,419	667,475	610,220
North Virden Scallion .....	154,488	146,510	941,198	899,528
Other Areas .....	156,491	142,647	922,745	822,300
Total crude oil .....	422,351	391,576	2,531,418	2,332,138

Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	June		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Dollard .....	308,769	348,809	1,892,535	1,997,302
Midale .....	211,376	320,696	1,130,270	1,792,405
Nottingham .....	210,503	229,541	1,241,510	1,307,184
Steelman .....	988,166	722,366	5,892,200	4,515,179
Weyburn .....	418,787	814,642	2,713,166	5,112,043
Other Areas .....	1,600,440	1,870,388	10,045,376	11,008,660
Total crude oil .....	3,837,041	4,306,452	22,915,057	25,732,773

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	June		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	573,899	510,707	2,840,982	3,412,261
Fenn-Big Valley .....	522,174	359,675	3,034,982	3,058,637
Harmattan - Elkton .....	117,471	118,633	1,027,925	761,233
Joarcam .....	276,675	283,858	1,677,071	1,710,720
Joffre .....	515,521	504,063	3,127,275	3,121,212
Leduc-Woodbend .....	1,153,983	1,067,995	7,470,583	6,858,270
Pembina .....	2,795,221	3,358,996	18,711,058	19,564,944
Redwater .....	1,227,839	969,071	7,562,712	7,501,081
Sturgeon Lake South .....	264,500	237,225	1,634,741	1,510,772
Wizard Lake .....	258,936	226,929	1,210,716	1,683,770
Other Areas .....	2,779,563	3,308,771	15,830,395	20,476,951
Total crude oil .....	10,495,706	10,946,013	64,128,440	69,659,851



Table 6 - Production of Natural Gasoline in Alberta, by Fields

Field	June		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Acheson .....	1,542	1,455	7,867	8,360
Bonrie Glen .....	12,815	13,135	69,056	80,507
Cessford .....	3,901	4,163	22,310	26,071
Devon Leduc-Woodbend .....	10,185	11,742	56,362	64,127
Fenn Big-Valley-Stettler ....	3,664	-	17,962	-
Hussar .....	-	2,046	-	18,082
Jumping Pound .....	4,223	5,051	40,009	36,922
Nevis .....	-	4,127	-	41,013
Pembina .....	26,551	28,131	180,995	174,875
Redwater .....	3,773	2,987	16,411	16,240
Turner Valley .....	35,615	27,824	256,977	224,976
Wayne-Rosedale .....	-	839	-	4,826
Total natural gasoline ....	102,269	101,500	667,949	695,999

Production of natural gas in Canada during June, 1960, amounted to 35,176,959 thousand cubic feet compared with 38,930,933 thousand cubic feet in the previous month. The output of natural gas in June, 1950, was 27,033,535 thousand cubic feet.

Table 7 - Production (\*) of Natural Gas, by Months, 1950-1960

Month	1958	1959(r)	1960
(M cu. ft.)			
January .....	30,937,476	43,671,883	50,470,351
February .....	29,196,932	36,891,926	46,159,912
March .....	31,528,723	36,802,903	40,040,649
April .....	27,103,366	32,714,235	40,828,876
May .....	22,845,606	30,963,341	38,930,933
June .....	19,833,422	27,033,535	35,176,959
Total six months .....	161,445,525	208,077,823	260,625,680
July .....	20,341,023	26,184,271	
August .....	21,753,125	28,359,136	
September .....	24,917,691	20,907,261	
October .....	30,162,501	36,127,423	
November .....	36,816,586	41,877,469	
December .....	42,367,275	46,801,144	
TOTAL .....	337,803,726	417,334,527	

(\*) Does not include waste gas burned in the field.

(r) Revised.

Table 8 - Production of Natural Gas, by Provinces, 1960

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	CANADA
(M cu. ft.)							
January ..	10,735	2,113,181	3,325,476	37,637,793	7,387,632	4,754	50,479,351
February .	7,394	2,123,822	3,221,183	35,855,811	6,842,684	3,278	48,159,812
March ....	7,556	2,343,721	3,347,535	36,307,463	7,127,705	4,667	49,070,849
April ....	8,114	1,197,000	2,304,066	32,036,439	7,180,831	1,480	40,828,876
May .....	7,677	957,000	2,270,040	28,424,571	7,067,390	1,243	39,739,833
June .....	6,858	821,000	2,238,936	25,207,510	6,875,830	2,885	35,176,959
Total six months .	52,346	9,557,824	16,488,566	191,609,589	42,804,072	23,283	260,625,680



Canada. Statistics, Bureau of  
DOMINION BUREAU OF STATISTICS  
OTTAWA - CANADA

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

Vol. 12 - No. 7

July, 1960

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during July, 1960, amounted to 16,149,537 barrels, compared with 15,837,389 barrels in the previous month. These figures do not include natural gasoline amounting to 105,034 barrels in July, 1960, and 106,642 barrels in July, 1959.

Table 1 - Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	July 1959	June 1960	July 1960	Year to date	
				1959	1960
New Brunswick .....	1,139	1,155	1,124	8,647	8,362
Ontario .....	85,629	92,854	88,097	591,060	580,411
Manitoba .....	438,179	391,576	408,298	2,969,597	2,740,436
Saskatchewan .....	4,304,975	4,306,452	4,756,028	27,220,032	30,488,801
Alberta .....	10,299,438	10,946,013	10,751,150	74,427,878	80,411,001
British Columbia .....	66,138	74,464	102,821	471,842	507,190
Northwest Territories ..	37,642	24,875	42,019	191,130	239,888
CANADA	15,233,140	15,837,389	16,149,537	105,880,186	114,976,089

Table 2 - Production (\*) of Crude Petroleum, by Months, 1958-1960

Month	1 9 5 8	1 9 5 9	1 9 6 0
		(In barrels)	
January .....	15,317,635	16,913,268	18,319,315
February .....	14,463,517	15,775,074	15,907,780
March .....	14,458,269	15,866,089	17,386,929
April .....	12,041,659	13,391,619	14,693,387
May .....	12,560,841	13,765,094	16,681,752
June .....	12,452,465	14,935,902	15,837,389
July .....	14,682,674	15,233,140	16,149,537
Total seven months ..	95,977,060	105,880,186	114,976,089
August .....	13,818,523	15,875,560	
September .....	13,152,510	16,461,754	
October .....	13,415,155	15,123,550	
November .....	13,525,248	14,324,835	
December .....	15,607,700	17,112,612	
TOTAL .....	165,496,196	184,778,497	

(\*) These figures exclude natural gasoline.

Industry and Merchandising Division



Crude Petroleum

- 2 -

Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	July		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Virden - Roselea .....	115,653	114,071	783,128	732,182
North Virden Scallion .....	158,507	152,075	1,099,705	1,051,583
Other Areas .....	164,211	142,172	1,086,956	956,671
Total crude oil .....	438,371	408,298	2,969,789	2,740,436

Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	July		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Dollard .....	397,641	357,904	2,290,176	2,355,206
Midale .....	231,111	353,965	1,361,381	2,146,370
Nottingham .....	207,906	225,944	1,449,416	1,533,128
Steelman .....	939,901	736,290	6,834,563	5,251,469
Weyburn .....	499,252	1,141,081	3,212,418	6,253,124
Other Areas .....	2,029,164	1,940,844	12,072,078	12,929,504
Total crude oil .....	4,304,975	4,756,028	27,220,032	30,488,801

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	July		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	455,139	210,098	3,296,121	3,722,359
Fenn-Big Valley .....	496,486	419,031	3,531,468	3,477,668
Harmattan - Elkton .....	150,081	108,195	1,178,006	869,428
Joarcam .....	280,101	287,619	1,957,172	1,998,339
Joffre .....	540,740	538,838	3,668,015	3,660,050
Leduc-Woodbend .....	1,166,904	1,038,608	8,637,487	7,896,878
Pembina .....	2,881,546	3,327,979	21,592,604	22,893,960
Redwater .....	1,188,163	985,955	8,750,875	8,487,036
Sturgeon Lake South .....	252,625	238,512	1,987,366	1,749,284
Wizard Lake .....	204,270	154,986	1,414,986	1,838,756
Other Areas .....	2,683,383	3,341,329	18,513,778	23,817,243
Total crude oil .....	10,299,438	10,751,150	74,427,878	80,411,001

## Table 6 - Production of Natural Gasoline in Alberta, by fields

Field	July		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Beeson .....	2,019	1,616	9,886	9,976
Blaine Glen .....	10,838	10,952	79,894	91,459
Brookford .....	4,509	3,299	26,819	29,370
Con Leduc-Woodbend .....	11,837	8,928	68,199	73,055
Con Big-Valley-Settler .....	3,882	-	21,844	-
Con Bear .....	-	3,411	-	21,493
Con Spring Pound .....	4,635	4,219	44,644	41,141
Con Isis .....	-	7,453	-	48,466
Con Albina .....	30,175	31,385	211,170	206,260
Con Water .....	3,948	2,526	20,359	18,766
Con Turner Valley .....	34,799	30,758	291,776	255,734
Con Rose-Rosedale .....	-	487	-	5,313
Total natural gasoline ...	106,642	105,034	774,591	801,033

Production of natural gas in Canada during July, 1960, amounted to 856,823 thousand cubic feet compared with 35,176,959 thousand cubic feet in the previous month. The output of natural gas in July, 1959, was 26,184,271 thousand cubic feet.

## Table 7 - Production (\*) of Natural Gas, by Months, 1958-1960

Month	1958	1959	1960
(M cu. ft.)			
January .....	30,937,476	43,671,883	50,479,351
February .....	29,196,932	36,891,926	46,159,912
March .....	31,528,723	36,802,903	49,040,649
April .....	27,103,366	32,714,235	40,828,876
May .....	22,845,606	30,963,341	38,939,933
June .....	19,833,422	27,033,535	35,176,959
July .....	20,341,023	26,184,271	33,856,823
Total seven months .....	181,786,548	234,262,094	294,482,503
August .....	21,753,125	28,359,136	
September .....	24,917,691	29,907,261	
October .....	30,162,501	36,127,423	
November .....	36,816,586	41,877,469	
December .....	42,367,275	46,801,144	
TOTAL .....	337,803,726	417,334,527	

Does not include waste gas burned in the field.

Table 8 - Production of Natural Gas, by Provinces, 1960

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	CANADA
(M cu. ft.)							
January ..	10,735	2,113,181	3,325,676	37,637,793	7,387,632	4,334	50,479,
February ..	9,394	2,123,922	3,221,293	33,855,811	6,942,684	6,808	46,159,
March ....	9,556	2,343,721	3,047,535	36,307,465	7,327,705	4,667	49,040,
April ....	8,114	1,197,000	2,364,066	30,056,439	7,199,831	3,426	40,828,
May .....	7,689	959,000	2,270,040	28,634,571	7,067,390	1,243	38,939,
June .....	6,858	821,000	2,259,956	25,207,510	6,878,830	2,805	35,176,
July .....	6,570	766,323	2,417,028	23,916,683	6,746,958	3,261	33,856,
Total seven months	58,916	10,324,147	18,905,594	215,616,272	49,551,030	26,544	294,482,





## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Monthly

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol. 12 - No. 8

August, 1960

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during August, 1960, amounted to 15,246,335 barrels, compared with 16,149,537 barrels in the previous month. These figures do not include natural gasoline amounting to 105,132 barrels in August, 1960 and 108,734 barrels in August, 1959.

Table 1 - Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	August 1959	July 1960	August 1960	Year to date	
				1959	1960
New Brunswick.....	1,162	1,124	1,077	9,809	9,439
Ontario.....	82,221	88,097	91,870	673,281	672,281
Manitoba.....	437,506	408,298	404,833	3,407,103	3,145,269
Saskatchewan.....	4,212,559	4,756,028	4,664,606	31,432,591	35,153,407
Alberta.....	11,037,179	10,751,150	9,945,498	85,465,057	90,356,499
British Columbia.....	54,534	102,821	87,407	526,376	594,597
Northwest Territories.	50,399	42,019	51,044	241,829	290,932
CANADA .....	15,875,560	16,149,537	15,246,335	121,755,746	130,222,424

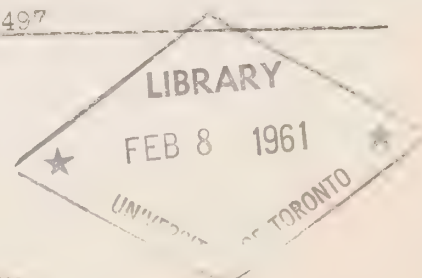
Table 2 - Production of Crude Petroleum, by Months, 1958-1960

Month	1958	1959	1960
	(In barrels)		
January .....	15,317,635	16,913,268	18,319,315
February .....	14,463,517	15,755,074	15,907,780
March .....	14,458,269	15,866,089	17,386,929
April .....	12,041,659	13,391,619	14,693,387
May .....	12,560,841	13,765,094	16,681,752
June .....	12,452,465	14,935,902	15,837,389
July .....	14,682,674	15,233,140	16,149,537
August .....	13,618,523	15,875,580	15,246,335
Total eight months .....	109,735,583	121,755,746	130,222,424
September .....	13,152,510	15,481,754	
October .....	13,415,155	15,123,550	
November .....	13,525,248	14,324,835	
December .....	15,607,700	17,112,612	
TOTAL .....	165,496,186	164,778,497	

(x) These figures exclude natural gasoline.

Industry and Merchandising Division

6514-506-80



Crude Petroleum

Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	August		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Virden - Roselea .....	113,954	113,610	897,082	837,901
North Virden Scallion .....	162,745	145,169	1,262,450	1,196,752
Other Areas .....	159,781	146,054	1,246,737	1,110,616
Total crude oil .....	436,480	404,833	3,406,269	3,145,269

Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	August		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Dollard .....	381,794	331,840	2,671,970	2,687,406
Midale .....	190,566	361,375	1,551,947	2,507,745
Nottingham .....	200,768	222,022	1,650,184	1,755,150
Steelman .....	975,262	717,384	7,809,825	5,968,853
Weyburn .....	517,220	1,018,987	3,729,638	7,290,111
Other Areas .....	1,946,949	1,994,998	14,019,027	14,944,142
Total crude oil .....	4,212,559	4,664,606	31,432,591	35,153,407

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	August		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	526,244	224,264	3,822,365	3,946,623
Fenn-Big Valley .....	547,048	381,248	4,073,516	3,858,916
Harmattan - Elkton .....	147,327	110,034	1,325,333	979,462
Joarcam .....	288,603	288,248	2,245,775	2,286,587
Joffre .....	537,988	525,586	4,206,003	4,185,636
Leduc-Woodbend .....	1,237,092	985,580	9,874,579	8,882,458
Pembina .....	3,017,683	3,214,041	24,610,287	26,108,001
Redwater .....	1,255,661	776,358	10,006,536	9,263,394
Sturgeon Lake South .....	266,541	211,833	2,153,907	1,961,117
Wizard Lake .....	269,031	77,239	1,684,017	1,915,995
Other Areas .....	2,943,961	3,151,067	21,157,732	26,968,310
Total crude oil .....	11,037,179	9,945,498	85,465,057	90,356,499

Crude Petroleum

Table 6 - Production of Natural Gasoline in Alberta, by Fields

Field	August		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Acheson .....	1,702	984	11,588	10,960
Bonnie Glen .....	13,053	9,133	92,947	100,592
Cessford ..	2,924	2,892	29,743	32,262
Devon Leduc-Woodbend .....	11,654	10,876	79,853	83,931
Fenn Big-Valley-Stettler .....	3,498	-	25,342	-
Hussar .....	-	4,434	-	25,927
Jumping Pound .....	4,490	4,257	49,134	45,398
Nevis .....	-	6,489	-	54,955
Pembina .....	28,595	29,294	239,765	235,554
Redwater .....	3,410	2,726	23,769	21,492
Turner Valley .....	39,408	33,176	331,184	288,910
Wayne-Rosedale .....	-	571	-	6,184
Total natural gasoline .....	108,734	105,132	883,325	906,165

Production of natural gas in Canada during August, 1960 amounted to 34,234,310 thousand cubic feet compared with 33,856,823 thousand cubic feet in the previous month. The output of natural gas in August, 1959 was 28,359,136 thousand cubic feet.

Table 7 - Production (x) of Natural Gas, by Months, 1958 - 1960

Month	1958	1959	1960
(M cu. ft.)			
January .....	30,937,476	43,671,883	50,479,351
February .....	29,196,932	36,891,926	46,159,912
March .....	31,528,723	36,802,903	49,040,649
April .....	27,103,366	32,714,235	40,828,876
May .....	22,845,606	30,963,341	38,939,933
June .....	19,833,422	27,033,535	35,176,959
July .....	20,341,023	26,184,271	33,856,823
August .....	21,753,125	28,359,136	34,234,310
Total eight months .....	203,539,673	262,621,230	328,716,813
September .....	24,917,691	29,907,261	
October .....	30,182,501	36,127,423	
November .....	36,816,586	41,877,469	
December .....	42,367,275	46,801,144	
Total .....	337,803,726	417,334,527	

(x) Does not include waste gas burned in the field.



Crude Petroleum

Table 8 - Production of Natural Gas, by Provinces, 1960

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	CANADA
(M cu. ft.)							
January..	10,735	2,113,181	3,325,676	37,637,793	7,387,632	4,334	50,479,351
February.	9,394	2,123,922	3,221,293	33,855,811	6,942,684	6,808	46,159,912
March....	9,556	2,343,721	3,047,535	36,307,465	7,327,705	4,667	49,040,613
April ...	8,114	1,197,000	2,364,066	30,056,439	7,199,831	3,426	40,828,876
May.....	7,689	959,000	2,270,040	28,634,571	7,067,390	1,243	38,939,933
June.....	6,858	821,000	2,259,956	25,207,510	6,878,830	2,805	35,176,959
July,....	6,570	766,323	2,417,028	23,916,683	6,746,958	3,261	33,856,823
August...	6,122	794,624	2,326,103	24,333,272	6,770,999	3,190	34,234,310

Total							
eightmonths	65,038	11,118,771	21,231,697	239,949,544	56,322,029	29,734	328,716,813

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Monthly



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. Gordon Churchill, Minister of Trade and Commerce

Vol. 12 - No. 9

September, 1960

Price: \$1.00 per year, 10¢ per copy.

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## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during September, 1960, amounted to 15,653,887 barrels, compared with 15,246,335 barrels in the previous month. These figures do not include natural gasoline amounting to 107,236 barrels in September, 1960, and 106,856 barrels in September, 1959.

Table 1 - Production Of Crude Petroleum (in Barrels of 35 Imperial gallons)

Province	September 1959	August 1960	September 1960	Year to date 1959	1960
New Brunswick .....	1,183	1,077	1,274	10,992	10,713
Ontario .....	80,924	91,870	87,619	754,205	759,900
Manitoba .....	424,654	404,833	401,502	3,831,757	3,546,771
Saskatchewan .....	4,080,916	4,664,606	4,391,286	35,513,507	39,544,693
Alberta .....	11,734,232	9,945,498	10,623,606	97,199,289	100,980,105
British Columbia .....	81,942	87,407	88,627	608,318	683,224
Northwest Territories ..	57,903	51,044	59,973	299,432	350,905
CANADA .....	16,461,754	15,246,335	15,653,887	138,217,500	145,876,311

Table 2 - Production (\*) of Crude Petroleum, by Months, 1958 - 1960

Month	1958	1959	1960
(In barrels)			
January .....	15,317,635	16,913,268	18,319,315
February .....	14,463,517	15,775,074	15,907,780
March .....	14,458,269	15,866,089	17,386,929
April .....	12,041,659	13,391,619	14,693,387
May .....	12,560,841	13,765,094	16,681,752
June .....	12,452,465	14,935,902	15,837,389
July .....	14,682,674	15,233,140	16,149,537
August .....	13,818,523	15,875,560	15,266,335
September .....	13,152,510	16,461,754	15,613,887
Total nine months .....	122,948,093	138,217,500	145,876,311
October .....	13,415,155	15,123,550	
November .....	13,525,248	14,324,835	
December .....	15,607,700	17,112,612	
TOTAL .....	165,496,196	184,778,497	

(\*) These figures exclude natural gasoline.

Crude petroleum includes field condensate

Industry and Merchandising Division

6514-506-20

Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	September		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Virten - Roselea .....	109,923	112,688	1,007,839	958,480
North Virten Scallion .....	164,111	145,827	1,440,950	1,342,579
Other Areas .....	150,537	142,987	1,382,885	1,245,712
Total crude oil .....	424,571	401,502	3,831,674	3,546,771

Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	September		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Dollard .....	375,225	323,008	3,047,195	3,010,054
Midale .....	180,018	319,830	1,731,965	2,827,575
Nottingham .....	201,327	217,403	1,851,711	1,972,153
Steelman .....	949,780	673,619	8,759,605	6,642,472
Wayburn .....	508,211	944,637	4,237,849	8,234,748
Other Areas .....	1,866,355	1,912,789	15,985,182	16,857,291
Total crude oil .....	4,080,916	4,391,286	35,513,507	39,544,693

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	September		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	667,569	710,125	4,489,934	4,256,748
Fenn-Big Valley .....	594,454	406,922	4,672,970	4,265,838
Harmattan - Elkton .....	122,282	120,097	1,447,615	1,099,559
Joarcam .....	285,462	281,258	2,531,237	2,567,845
Joffre .....	514,307	506,600	4,720,310	4,692,236
Leduc-woodbend .....	1,241,942	1,040,389	11,116,521	9,922,847
Pembina .....	3,014,111	3,313,264	27,624,398	29,421,265
Redwater .....	1,535,141	872,169	11,541,677	10,135,563
Sturgeon Lake South .....	284,758	229,042	2,438,665	2,190,159
Wizard Lake .....	347,284	124,981	2,031,301	2,040,976
Other Areas .....	3,126,922	3,418,759	24,584,661	30,387,069
Total crude oil .....	11,734,232	10,623,606	97,199,289	100,980,105



Table 6 - Production of Natural Gasoline in Alberta, by fields

Field	September		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Acheson .....	1,935	1,183	13,523	12,143
Bonnie Glen .....	16,127	7,350	109,074	107,942
Cessford .....	3,176	3,747	32,919	36,009
Devon Leduc-Woodbend .....	10,951	10,871	90,804	94,802
Fenn Big-Valley Stettler....	3,896	-	29,238	-
Hussar .....	-	3,455	-	29,382
Jumping Pound .....	4,987	4,967	54,121	50,365
Nevis .....	-	8,383	-	63,338
Pembina .....	26,008	26,954	265,773	262,508
Redwater.....	4,566	2,832	28,335	24,324
Turner Valley .....	35,210	36,914	366,394	325,824
Wayne-Rosedale .....	-	580	-	6,764
Total natural gasoline ..	106,856	107,236	990,181	1,013,401

Production of natural gas in Canada during September, 1960, amounted to 36,255,786 thousand cubic feet compared with 34,234,310 thousand cubic feet in the previous month. The output of natural gas in September, 1959, was 29,907,261 thousand cubic feet.

Table 7 - Production (\*) of Natural Gas, by Months, 1958-1960

Month	1 9 5 8	1 9 5 9	1 9 6 0
<hr/>			
		(M cu ft.)	
January .....	30,937,476	43,671,883	50,479,351
February .....	29,196,932	36,891,926	46,159,912
March .....	31,528,723	36,802,903	49,040,649
April .....	27,103,366	32,714,235	40,828,876
May .....	22,845,606	30,963,341	38,939,933
June .....	19,833,422	27,033,535	35,176,959
July .....	20,341,023	26,184,271	33,846,823
August .....	21,753,125	28,359,136	34,234,310
September .....	24,917,691	29,907,261	36,255,786
<hr/>			
Total nine months .....	228,457,364	292,528,491	364,972,599
<hr/>			
October .....	30,162,501	36,127,423	
November .....	36,816,586	41,877,469	
December .....	42,367,275	46,801,144	
<hr/>			
TOTAL .....	337,803,726	417,334,527	

(\*) Does not include waste gas burned in the field.

Crude Petroleum

Table 8 - Production of Natural Gas, by Provinces, 1960

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North West Territories	CANADA
(M cu. ft.)							
January...	10,735	2,113,181	3,325,676	37,637,793	7,387,632	4,334	50,479,351
February .	9,394	2,123,922	3,221,293	33,855,811	6,942,684	6,808	46,159,912
March ....	9,556	2,343,721	3,047,535	36,307,465	7,327,705	4,667	49,040,649
April ....	8,114	1,197,000	2,364,066	30,156,439	7,199,831	3,426	40,828,875
May .....	7,480	959,000	2,270,040	28,634,571	7,067,390	1,243	38,939,933
June .....	6,858	821,000	2,259,956	25,207,510	6,878,830	2,805	35,176,959
July .....	6,570	766,323	2,417,028	23,916,683	6,746,958	3,261	33,846,823
August ...	6,122	794,624	2,326,103	24,333,272	6,770,999	3,170	34,234,310
September.	6,846	951,787	2,458,837	26,140,225	6,694,895	3,190	36,255,180
Total nine months ...	71,884	12,070,558	23,690,534	266,089,769	63,016,924	32,930	364,972,599



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

Vol. 12 - No. 10

October, 1960

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during October, 1960, amounted to 14,530,337 barrels, compared with 15,651,887 barrels in the previous month. These figures do not include natural gasoline amounting to 113,977 barrels in October, 1960, and 115,119 barrels in October, 1959.

Table 1 - Production of Crude Petroleum (in Barrels of 25 Imperial gallons)

Province	October	September	October	Year to date	
	1959	1960	1960	1959	1960
New Brunswick ....	1,200	1,274	1,268	12,192	11,981
Ontario .....	87,691	87,619	78,386	841,896	838,286
Manitoba .....	406,542	401,502	411,225	4,238,299	3,957,996
Saskatchewan .....	3,932,829	4,392,708	4,177,112	39,448,118	43,722,006
Alberta .....	10,589,697	10,623,806	9,736,428	107,788,986	110,716,533
British Columbia .	71,666	88,627	74,904	679,984	758,128
Northwest Territories	33,925	59,871	50,811	349,157	431,718
CANADA .....	15,123,550	15,651,887	14,530,337	113,341,000	120,406,648

Table 2 - Production (x) of Crude Petroleum, by Months, 1958 - 1960

Month	1958	1959	1960
(In barrels)			
January .....	15,317,635	16,913,268	18,319,315
February .....	14,463,517	15,773,094	15,987,780
March .....	14,499,273	15,868,086	17,186,529
April .....	12,041,659	13,391,619	14,693,387
May .....	12,560,841	13,765,094	16,681,752
June .....	12,452,465	14,935,902	15,837,389
July .....	14,685,874	15,275,140	16,140,537
August .....	13,818,523	15,875,560	15,246,335
September .....	13,152,510	16,461,754	15,653,887
October .....	13,415,155	15,123,550	14,530,337
Total ten months .....	137,803,248	155,411,588	160,406,648
November .....	13,525,248	14,324,835	
December .....	15,607,700	17,112,612	
TOTAL .....	165,496,196	184,778,497	

(x) These figures exclude natural gasoline.  
Crude petroleum includes field condensate.

Industry and Merchandising Division.



# Crude Petroleum

Table 3 - Production of Crude Petroleum in Manitoba, by Fields

Field	October		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Viriden - Roselea .....	103,921	119,951	1,111,760	1,078,431
North Viriden Scallion .....	163,753	144,576	1,604,703	1,487,155
Other Areas .....	138,868	146,698	1,521,753	1,392,410
Total crude oil .....	406,542	411,225	4,238,216	3,957,996

Table 4 - Production of Crude Petroleum in Saskatchewan, by Fields

Field	October		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Dollard .....	375,401	339,769	3,422,596	3,349,823
Midale .....	180,241	290,348	1,912,206	3,117,923
Nottingham .....	186,399	202,154	2,037,910	2,174,707
Steelman .....	906,065	653,626	9,665,670	7,296,098
Weyburn .....	460,095	827,379	4,697,944	9,062,127
Other Areas .....	1,824,628	1,864,037	17,710,010	18,721,328
Total crude oil .....	3,932,829	4,177,313	39,446,336	43,722,006

Table 5 - Production of Crude Petroleum in Alberta, by Fields

Field	October		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
Bonnie Glen .....	444,739	215,064	4,934,673	4,471,812
Fenn-Big Valley .....	500,192	347,938	5,173,162	4,613,776
Harmattan - Elkton .....	133,481	97,215	1,581,096	1,196,774
Joarcam .....	293,183	259,698	2,824,420	2,827,543
Joffre .....	539,130	459,342	5,259,440	5,151,578
Leduc-Woodbend .....	1,152,000	1,104,302	12,268,521	11,027,149
Pembina .....	2,877,265	3,072,975	28,732,108	32,495,211
Redwater .....	1,071,738	705,180	12,613,415	10,840,743
Sturgeon Lake South .....	250,535	198,513	2,689,200	2,388,672
Wizard Lake .....	197,183	69,112	2,228,484	2,110,088
Other Areas .....	3,130,102	3,207,089	29,483,779	33,593,187
Total crude oil .....	10,589,548	9,736,428	107,788,298	110,716,533

Crude Petroleum

Table 6 - Production of Natural Gasoline in Alberta, by fields

Field	October		Year to date	
	1959	1960	1959	1960
(In barrels of 35 Imperial gallons)				
<u>Natural Gasoline</u>				
Acheson .....	1,667	1,053	15,190	13,196
Bonnie Glen .....	10,264	9,405	119,338	117,347
Cessford .....	5,145	4,182	38,064	40,191
Devon Leduc-Woodbend .....	10,285	9,821	101,089	104,623
Fenn Big-Valley Stettler .....	3,063	-	32,301	-
Hussar .....	-	3,100	-	32,482
Jumping Pound .....	6,039	5,944	60,160	56,309
Nevis .....	-	8,443	-	71,781
Pembina .....	29,631	27,220	295,404	289,728
Redwater .....	2,801	2,077	31,136	26,401
Turner Valley .....	46,224	41,616	412,618	367,440
Wayne-Rosedale .....	-	1,116	-	7,880
Total natural gasoline .	115,119	113,977	1,105,300	1,127,378

Production of natural gas in Canada during October, 1960, amounted to 43,989,294 thousand cubic feet compared with 36,255,786 thousand cubic feet in the previous month. The output of natural gas in October, 1959, was 36,127,423 thousand cubic feet.

Table 7 - Production (x) of Natural Gas, by Months, 1958-1960

Month	1958	1959	1960
(M cu.ft.)			
January .....	30,937,476	43,671,883	50,479,351
February .....	29,196,932	36,891,926	46,159,912
March .....	31,528,723	36,802,903	49,040,649
April .....	27,103,366	32,714,235	40,828,876
May .....	22,845,606	30,963,341	38,939,933
June .....	19,833,422	27,033,535	35,176,959
July .....	20,341,023	26,184,271	33,856,823
August .....	21,753,125	28,359,136	34,234,310
September .....	24,917,691	29,907,261	36,255,786
October .....	30,162,501	36,127,423	43,989,294
Total ten months .....	258,619,865	328,655,914	408,961,893
November .....	36,816,586	41,877,469	
December .....	42,367,275	46,801,144	
TOTAL .....	337,803,726	417,334,527	

(x) Does not include waste gas burned in the field.

Crude Petroleum

Table 2 - Production of Natural Gas, by Provinces, 1960

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
(M cu. ft.)							
January ..	10,735	2,113,181	3,325,676	37,637,793	7,387,632	4,334	50,479,351
February .	9,394	2,123,922	3,221,293	33,855,811	6,942,684	6,808	46,159,312
March ....	9,556	2,343,721	3,047,535	36,307,465	7,327,705	4,667	49,040,649
April ....	8,114	1,197,000	2,364,066	30,056,439	7,199,831	3,426	40,828,876
May .....	7,689	959,000	2,270,040	28,634,571	7,067,390	1,243	38,939,933
June .....	6,858	821,000	2,259,956	25,207,510	6,878,830	2,805	35,176,959
July .....	6,570	766,323	2,417,028	23,916,683	6,746,958	3,261	33,856,823
August ...	6,122	794,624	2,326,103	24,333,272	6,770,999	3,190	34,234,310
September.	6,846	951,787	2,458,837	26,140,225	6,600,895	3,196	36,255,786
October ..	7,824	1,121,061	3,001,573	32,831,406	7,026,380	1,048	43,689,294
Total ten months .	79,708	13,191,619	26,692,107	298,921,177	70,043,304	33,978	408,961,893





## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

Vol. 12 - No. 11

Price: \$1.00 per year, 10¢ per copy.

November, 1960

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during November, 1960, amounted to 15,012,801 barrels, compared with 14,530,337 barrels in the previous month. These figures do not include natural gasoline amounting to 127,590 barrels in November, 1960, and 111,031 barrels in November, 1959.

TABLE 1. Production of Crude Petroleum (In Barrels of 35 Imperial gallons)

Province	November	October	November	Year to date	
	1959	1960	1960	1959	1960
New Brunswick .....	1,073	1,268	1,096	13,265	13,077
Ontario .....	81,244	78,386	82,649	923,140	920,935
Manitoba .....	399,331	411,225	399,803	4,637,630	4,357,799
Saskatchewan .....	3,915,496	4,177,313	3,933,218	43,361,832	47,655,224
Alberta .....	9,802,766	9,736,428	10,551,380	117,591,752	121,267,913
British Columbia .....	92,805	74,904	26,762	772,789	784,890
Northwest Territories ..	32,120	50,813	17,893	365,477	419,611
Canada .....	14,324,835	14,530,337	15,012,801	167,665,885	175,419,449

TABLE 2. Production (1) of Crude Petroleum, by Months, 1958-60

Month	1958	1959	1960
	in barrels		
January .....	15,317,635	16,913,268	18,319,315
February .....	14,463,517	15,775,074	15,907,780
March .....	14,458,269	15,866,089	17,386,929
April .....	12,041,659	13,391,619	14,693,387
May .....	12,560,841	13,765,094	16,681,752
June .....	12,452,465	14,935,902	15,837,389
July .....	14,682,674	15,233,140	16,149,537
August .....	13,818,523	15,875,560	15,246,335
September .....	13,152,510	16,461,754	15,653,887
October .....	13,415,155	15,123,550	14,530,337
November .....	13,525,248	14,324,835	15,012,801
Total eleven months ..	149,888,496	167,665,885	175,419,449
December .....	15,607,700	17,112,612	
Totals .....	165,496,196	184,778,497	

(1) These figures exclude natural gasoline.

Note: Crude petroleum includes field condensate.

Industry and Merchandising Division

6514-506-110

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	November		Year to date	
	1959	1960	1959	1960
in barrels of 35 Imperial gallons				
Viriden - Roselea .....	101,673	116,067	1,213,433	1,194,498
North Viriden Scallion .....	159,348	139,608	1,764,051	1,626,763
Other Areas .....	138,336	144,128	1,660,089	1,536,538
<b>Total crude oil .....</b>	<b>399,357</b>	<b>400,803</b>	<b>4,537,573</b>	<b>4,357,799</b>

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	November		Year to date	
	1959	1960	1959	1960
in barrels of 35 Imperial gallons				
Dollard .....	368,415	338,127	3,791,011	3,687,950
Midale .....	171,503	263,295	2,083,709	3,381,218
Nottingham .....	198,077	186,599	2,235,987	2,361,306
Steelman .....	858,740	585,019	10,524,410	7,881,117
Weyburn .....	486,481	727,984	5,184,425	9,790,111
Other Areas .....	1,832,280	1,832,194	19,542,290	20,553,522
<b>Total crude oil .....</b>	<b>3,915,496</b>	<b>3,953,218</b>	<b>43,361,832</b>	<b>47,655,224</b>

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	November		Year to date	
	1959	1960	1959	1960
in barrels of 35 Imperial gallons				
Bonnie Glen .....	356,586	257,167	5,291,259	4,728,979
Fenn-Big Valley .....	433,173	377,092	5,606,335	4,990,868
Harmattan - Elkton .....	124,699	103,145	1,705,795	1,299,919
Joarcam .....	285,620	275,857	3,110,040	3,103,400
Joffre .....	527,092	499,155	5,786,532	5,650,733
Leduc-Woodbend .....	1,079,652	1,120,152	13,348,173	12,147,301
Pembina .....	2,980,766	3,279,602	33,717,154	35,774,813
Redwater .....	934,539	775,375	13,547,954	11,616,118
Sturgeon Lake South .....	229,161	214,468	2,918,361	2,603,140
Wizard Lake .....	184,853	86,090	2,413,337	2,196,178
Other Areas .....	2,666,625	3,563,277	30,146,812	37,156,464
<b>Total crude oil .....</b>	<b>9,802,766</b>	<b>10,551,380</b>	<b>117,591,752</b>	<b>121,267,913</b>

TABLE 6. Production of Natural Gasoline in Alberta, by fields

Field	November		Year to date	
	1959	1960	1959	1960
in barrels of 35 Imperial gallons				
Natural gasoline				
Acheson .....	1,279	1,031	16,469	14,227
Bonnie Glen .....	8,485	10,275	127,823	127,622
Cessford .....	5,628	6,307	43,692	46,498
Countess .....	-	270	-	270
Devon Leduc- Woodbend .....	8,752	8,808	109,841	113,431
Fenn Big-Valley Stettler ..	1,934	-	34,235	-
Hussar .....	830	6,920	830	39,402
Jumping Pound .....	6,946	6,703	67,106	63,012
Nevis .....	-	9,748	-	81,529
Pembina .....	29,994	28,797	325,398	318,525
Redwater .....	2,220	1,922	33,356	28,323
Turner Valley .....	44,248	45,745	456,866	413,185
Wayne-Rosedale .....	715	1,064	715	8,944
Total natural gasoline ..	111,031	127,590	1,216,331	1,254,968

Production of natural gas in Canada during November, 1960, amounted to 50,736,057 thousand cubic feet compared with 43,989,294 thousand cubic feet in the previous month. The output of natural gas in November, 1959, was 41,877,469 thousand cubic feet.

TABLE 7. Production (1) of Natural Gas, by Months, 1958-60

Month	1958	1959	1960
Mcf.			
January .....	30,937,476	43,671,883	50,479,351
February .....	29,196,932	36,891,926	46,159,912
March .....	31,528,723	36,802,903	49,040,649
April .....	27,103,366	32,714,235	40,828,876
May .....	22,845,606	30,963,341	38,939,933
June .....	19,833,422	27,033,535	35,176,959
July .....	20,341,023	26,184,271	33,856,823
August .....	21,753,125	28,359,136	34,234,310
September .....	24,917,691	29,907,261	36,255,786
October .....	30,162,501	36,127,423	43,989,294
November .....	36,816,586	41,877,469	50,736,057
Total eleven months .....	295,436,451	370,533,383	459,697,950
December .....	42,367,275	46,801,144	
Totals .....	337,803,726	417,334,527	

(1) Does not include waste gas burned in the field.



TABLE 8. Production of Natural Gas, by Provinces, 1960

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North- west Terri- tories	Canada
Mcf.							
January.....	10,735	2,113,181	3,325,676	37,637,793	7,387,632	4,334	50,479,351
February .....	9,394	2,123,922	3,221,293	33,855,811	6,942,684	6,808	46,159,912
March .....	9,556	2,343,721	3,047,535	36,307,465	7,327,705	4,667	49,040,649
April .....	8,114	1,197,000	2,364,066	30,056,439	7,199,831	3,426	40,828,876
May .....	7,689	959,000	2,270,040	28,634,571	7,067,390	1,243	38,939,933
June .....	6,858	821,000	2,259,956	25,207,510	6,878,830	2,805	35,176,959
July .....	6,570	766,323	2,417,028	23,916,683	6,746,958	3,261	33,856,823
August .....	6,122	794,624	2,326,103	24,333,272	6,770,999	3,190	34,234,310
September .....	6,846	951,787	2,458,837	26,140,225	6,694,895	3,196	36,255,786
October .....	7,824	1,121,061	3,001,573	32,831,408	7,026,380	1,048	43,989,294
November .....	8,020	1,426,498	3,283,328	38,686,295	7,329,191	2,725	50,736,057
Total eleven months	87,728	14,618,117	29,975,435	337,607,472	77,372,495	36,703	459,697,950



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

MONTHLY

Vol. 12 - No. 12

Price: \$11.00 per year, 10¢ per copy.

December, 1960

1961

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during December, 1960, amounted to 16,422,366 barrels, compared with 15,012,801 barrels in the previous month. These figures do not include natural gasoline amounting to 139,786 barrels in December, 1960, and 130,982 barrels in December, 1959.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	December	November	December	Year to date	
	1959	1960	1960	1959	1960
New Brunswick ....	1,214	1,096	1,069	14,479	14,146
Ontario .....	78,440	82,649	83,775	1,001,580	1,004,710
Manitoba .....	418,445	399,803	406,246	5,056,075	4,764,045
Saskatchewan .....	4,080,666	3,933,218	4,212,409	47,442,498	51,867,633
Alberta .....	12,375,560	10,551,380	11,604,158	129,967,312	132,872,071
British Columbia .	93,445	26,762	79,075	866,234	863,965
Northwest Territories	64,842	17,893	35,634	430,319	455,245
Canada .....	17,112,612	15,012,801	16,422,366	184,778,497	191,841,815

TABLE 2. Production (1) of Crude Petroleum, by Months, 1958-60

Month	1958	1959	1960
in barrels			
January .....	15,317,635	16,913,268	18,319,315
February .....	14,463,517	15,775,074	15,907,780
March .....	14,458,269	15,866,089	17,386,929
April .....	12,041,659	13,391,619	14,693,387
May .....	12,560,841	13,765,094	16,681,752
June .....	12,452,465	14,935,902	15,837,389
July .....	14,682,674	15,233,140	16,148,537
August .....	13,818,523	15,875,560	15,246,335
September .....	13,152,510	16,461,754	15,653,887
October .....	13,415,155	15,123,550	14,530,337
November .....	13,525,248	14,324,835	15,012,801
December .....	15,607,700	17,112,612	16,422,366
Total s. ....	165,496,196	184,778,497	191,841,815

1 These figures exclude natural gasoline.

Note: Crude petroleum includes field condensate.

Industry and Merchandising Division

6514-506-120

ROGER DUHAMEL, F.R.S.C., Queen's Printer and Controller of Stationery, Ottawa, 1961

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	December		Year to date	
	1959	1960	1959	1960
in barrels of 35 Imperial gallons				
Virden - Roselea .....	105,280	120,215	1,318,713	1,314,713
North Virden Scallion .....	166,454	141,689	1,930,505	1,768,452
Other Areas .....	146,768	144,342	1,806,857	1,680,880
Total crude oil .....	418,502	406,246	5,056,075	4,764,045

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	December		Year to date	
	1959	1960	1959	1960
in barrels of 35 Imperial gallons				
Dollard .....	304,837	346,144	4,095,848	4,034,094
Midale .....	228,863	341,881	2,312,572	3,723,099
Nottingham .....	224,685	191,701	2,460,672	2,553,007
Steelman .....	892,977	578,615	11,247,528	8,459,732
Weyburn .....	579,032	883,580	5,763,457	10,673,691
Other Areas .....	1,850,242	1,870,488	21,562,391	22,424,010
Total crude oil .....	4,080,636	4,212,409	47,442,468	51,867,633

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	December		Year to date	
	1959	1960	1959	1960
in barrels of 35 Imperial gallons				
Bonnie Glen .....	659,749	335,768	5,591,008	5,064,747
Fenn-Big Valley .....	593,641	475,219	6,199,976	5,466,087
Harmattan - Elkton .....	140,124	114,741	1,845,919	1,414,660
Joarcam .....	300,484	291,295	3,410,524	3,394,695
Joffre .....	540,257	533,701	6,326,789	6,184,434
Leduc-Woodbend .....	1,249,910	1,210,342	14,598,083	13,357,643
Pembina .....	3,338,987	3,534,287	37,056,141	39,310,358
Redwater .....	1,564,154	944,329	15,112,108	12,560,447
Sturgeon Lake South .....	280,640	224,081	3,199,001	2,827,221
Wizard Lake .....	306,561	105,096	2,719,898	2,301,274
Other Areas .....	3,401,053	3,835,299	33,907,845	40,990,505
Total crude oil .....	12,375,560	11,604,158	129,967,312	132,872,071



TABLE 6. Production Natural Gasoline in Alberta, by fields

Field	December		Year to date	
	1959	1960	1959	1960
in barrels of 35 Imperial gallons				
<u>Natural gasoline</u>				
Acheson .....	1,764	1,080	18,233	15,307
Bonnie Glen .....	16,033	10,893	143,856	138,515
Cessford .....	5,277	6,530	48,969	53,028
Countess .....	-	558	-	828
Devon Leduc-Woodbend ....	11,060	9,283	120,901	122,714
Fenn Big-Valley Stettler.	7,829	-	42,064	-
Hussar .....	3,663	10,635	4,493	50,037
Jumping Pound .....	6,755	7,101	73,861	70,113
Nevis .....	-	12,440	-	93,969
Pembina .....	34,529	31,356	359,927	349,881
Prevo .....	-	202	-	202
Redwater .....	3,626	2,403	36,982	30,726
Sedalia .....	-	17	-	17
Turner Valley .....	39,907	46,155	496,773	459,340
Wayne-Rosedale .....	539	1,131	1,254	10,075
Wood River .....	-	2	-	2
Total natural gasoline.	130,982	139,786	1,347,313	1,394,754

Production of natural gas in Canada during December, 1960, amounted to 60,322,439 thousand cubic feet compared with 50,736,057 thousand cubic feet in the previous month. The output of natural gas in December, 1959, was 46,801,144 thousand cubic feet.

TABLE 7 - Production (1) of Natural Gas, by months, 1958-60

Month	1958	1959	1960
mcf.			
January .....	30,937,476	43,671,883	50,479,351
February .....	29,196,932	36,891,926	46,159,912
March .....	31,528,723	36,802,903	49,040,649
April .....	27,103,366	32,714,235	40,828,876
May .....	22,845,606	30,963,341	38,939,933
June .....	19,833,422	27,033,535	35,176,959
July .....	20,341,023	26,184,271	33,856,823
August .....	21,753,125	28,359,136	34,234,310
September .....	24,917,691	29,907,261	36,255,786
October .....	30,162,501	36,127,423	43,989,294
November .....	36,816,586	41,877,469	50,736,057
December .....	42,367,275	46,801,144	60,322,439
Totals .....	337,803,726	417,334,527	520,020,389

1 Does not include waste gas burned in the field.

TABLE 8. Production of Natural Gas, by Provinces, 1960

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
mcf							
January ..	10,735	2,113,181	3,325,676	37,637,793	7,387,632	4,334	50,479,351
February .	9,394	2,123,922	3,221,293	33,855,811	6,942,684	6,808	46,159,912
March ....	9,556	2,343,721	3,047,535	36,307,465	7,327,705	4,667	49,040,649
April ....	8,114	1,197,000	2,364,066	30,056,439	7,199,831	3,426	40,828,876
May .....	7,689	959,000	2,270,040	28,634,571	7,067,390	1,243	38,939,933
June .....	6,858	821,000	2,259,956	25,207,510	6,878,830	2,805	35,176,959
July .....	6,570	766,323	2,417,028	23,916,683	6,746,958	3,261	33,856,823
August ...	6,122	794,624	2,326,103	24,333,272	6,770,999	3,190	34,234,310
September.	6,846	951,787	2,458,837	26,140,225	6,694,895	3,196	36,255,786
October ..	7,824	1,121,061	3,001,573	32,831,408	7,026,380	1,048	43,989,294
November .	8,020	1,426,498	3,283,328	38,686,295	7,329,191	2,725	50,736,057
December .	10,973	2,504,216	3,509,665	46,074,832	8,219,671	3,082	60,322,439
Totals .	98,701	17,122,333	33,485,100	383,682,304	85,592,166	39,785	520,020,389



## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

Vol. 13 - No. 1-12

January, 1961

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

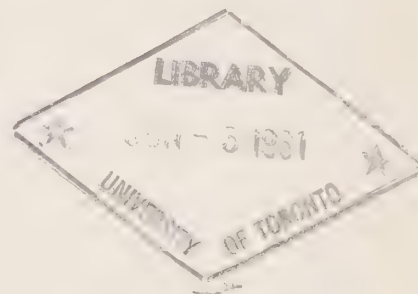
Output of crude petroleum in Canada during January, 1961, amounted to 17,611,984 barrels, compared with 16,422,366 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	January 1961	December 1960	January 1961	Year to date 1959	1960
New Brunswick .....	1,276	1,069	1,066	14,479	14,146
Ontario .....	69,178	83,775	90,084	1,001,580	1,004,710
Manitoba .....	402,081	406,246	395,022	5,056,075	4,764,045
Saskatchewan .....	4,025,114	4,212,409	4,258,570	47,442,498	51,867,633
Alberta .....	13,691,841	11,604,158	12,762,585	129,967,312	132,872,071
British Columbia .....	89,709	79,075	65,501	866,234	863,965
Northwest Territories	40,116	35,634	39,156	430,319	455,245
Canada .....	18,319,315	16,422,366	17,611,984	184,778,497	191,841,815

TABLE 2. Production (1) of Crude Petroleum, by Months, 1960 and 1961

Month	1960	1961
in barrels		
January .....	18,319,315	17,611,984
February .....	15,907,780	
March .....	17,386,929	
April .....	14,693,387	
May .....	16,681,752	
June .....	15,837,389	
July .....	16,149,537	
August .....	15,246,335	
September .....	15,653,887	
October .....	14,530,337	
November .....	15,012,801	
December .....	16,422,366	
Totals .....	191,841,815	



1 These figures exclude natural gasoline. Note: Crude petroleum includes field condensate.

Industry and Merchandising Division

5514-506-11



TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	January		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Daly .....	67,647	66,512	67,647	66,512
Viriden - Roselea .....	103,057	116,121	103,057	116,121
North Viriden Scallion .....	158,381	138,354	158,381	138,354
Other Areas .....	72,996	74,035	72,996	74,035
Total crude oil .....	402,081	395,022	402,081	395,022

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	January		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Dollard .....	355,194	360,530	355,194	360,530
Midale .....	220,386	354,202	220,386	354,202
Nottingham .....	210,517	193,271	210,517	193,271
Steelman .....	752,683	577,164	752,683	577,164
Weyburn .....	657,943	886,165	657,943	886,165
Other Areas .....	1,828,391	1,887,238	1,828,391	1,887,238
Total crude oil .....	4,025,114	4,258,570	4,025,114	4,258,570

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	January		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Acheson .....	239,754	175,484	239,754	175,484
Fenn Big Valley .....	684,703	452,593	684,703	452,593
Golden Spike .....	426,233	249,016	426,233	249,016
Harmattan Elkton .....	142,498	189,527	142,498	189,527
Joffre .....	524,343	511,716	524,343	511,716
Leduc-Woodbend .....	1,281,149	1,311,017	1,281,149	1,311,017
Pembina .....	2,970,455	3,594,006	2,970,455	3,594,006
Sturgeon Lake South .....	289,126	286,377	289,126	286,377
Swan Hills .....	285,187	521,714	285,187	521,714
Wizard Lake .....	513,741	286,701	513,741	286,701
Other areas .....	6,334,652	5,184,434	6,334,652	5,184,434
Total crude oil .....	13,691,841	12,762,585	13,691,841	12,762,585

TABLE 6. Production (1) of Natural Gas, by months, 1960 and 1961

Month	1960	1961
	M cu. ft.	
January .....	50,479,351	62,332,374
February .....	46,159,912	
March .....	49,040,649	
April .....	40,828,876	
May .....	38,939,933	
June .....	35,176,959	
July .....	33,856,823	
August .....	34,234,310	
September .....	36,255,786	
October .....	43,989,294	
November .....	50,736,057	
December .....	60,322,439	
Totals .....	520,020,389	

1 Does not include waste gas burned in the field.

TABLE 7. Production of Natural Gas, by Provinces, 1961

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
				M cu. ft.			
January ..	13,736	2,390,116	3,578,532	47,812,885	8,533,221	3,884	62,332,374

TABLE 8. Production of Liquid Hydrocarbons, in Canada, 1961

Month	Plant condensate	Natural gasoline	Propane	Butane	Propane butane mix
			barrels		
January .....	215,362	168,233	222,371	163,647	7,658







Canada. Statistics, Bureau of  
**DOMINION BUREAU OF STATISTICS**  
 OTTAWA - CANADA

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

Vol. 13 - No. 2

February, 1961

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during February, 1961, amounted to 16,478,808 barrels, compared with 17,611,984 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	February	January	February	Year to date	
	1960	1961	1961	1960	1961
New Brunswick .....	1,308	1,066	793	2,584	1,859
Ontario .....	74,047	90,084	83,171	143,225	173,255
Manitoba .....	374,222	395,022	356,339	776,303	751,361
Saskatchewan .....	3,982,124	4,258,570	3,868,715	8,007,238	8,127,285
Alberta .....	11,370,693	12,762,585	12,033,183	25,062,534	24,795,768
British Columbia .....	77,255	65,501	87,227	166,964	152,728
Northwest Territories.	28,131	39,156	49,380	68,247	88,536
Canada .....	15,907,780	17,611,984	16,478,808	34,227,095	34,090,792

TABLE 2. Production (1) of Crude Petroleum, by Months, 1960 and 1961

Month	1960	1961
in barrels		
January .....	18,319,315	17,611,984
February .....	15,907,780	16,478,808
Total two months .....	34,227,095	34,090,792
March .....	17,386,929	
April .....	14,693,387	
May .....	16,681,752	
June .....	15,837,389	
July .....	16,149,537	
August .....	15,246,335	
September .....	15,653,887	
October .....	14,530,337	
November .....	15,012,801	
December .....	16,422,366	
Totals .....	191,841,815	

1 These figures exclude natural gasoline.

Note: Crude petroleum includes field condensate in 1960 - excluded in 1961.

Industry and Merchandising Division

6514-506-21



TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	February		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Daly .....	62,893	59,167	130,540	125,679
Virden - Roselea .....	97,540	108,418	200,597	224,539
North Virden Scallion ....	147,460	123,910	305,841	262,264
Other Areas .....	66,329	64,844	139,325	138,879
Total crude oil .....	374,222	356,399	776,303	751,361

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	February		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Dollard .....	299,227	325,702	654,421	686,232
Midale .....	248,697	318,450	469,083	672,652
Nottingham .....	192,542	190,616	403,059	383,887
Steelman .....	768,677	467,150	1,521,360	1,044,314
Weyburn .....	727,163	873,140	1,385,106	1,759,305
Other Areas .....	1,745,818	1,693,657	3,574,209	3,580,895
Total crude oil .....	3,982,124	3,868,715	8,007,238	8,127,285

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	February		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Acheson .....	169,373	159,232	409,127	334,716
Fern Big Valley .....	495,964	484,171	1,180,667	936,764
Golden Spike .....	215,744	236,086	641,977	485,102
Harmattan Elkton .....	123,665	149,034	266,163	338,561
Joffre .....	501,595	414,629	1,025,938	926,345
Leduc-Woodbend .....	1,115,619	1,221,133	2,396,768	2,532,150
Pembina .....	2,792,802	3,265,644	5,763,257	6,859,650
Sturgeon Lake South .....	250,886	238,725	540,012	525,102
Swan Hills .....	354,234	581,381	670,058	1,103,095
Wizard Lake .....	296,755	271,061	810,496	557,762
Other areas .....	5,054,056	5,012,087	11,358,071	10,196,521
Total crude oil .....	11,370,693	12,033,183	25,062,534	24,795,768

TABLE 6. Production (1) of Natural Gas, by months, 1960 and 1961

Month	1960	1961
M cu. ft.		
January .....	50,479,351	62,332,374
February .....	46,159,912	56,456,896
Total two months .....	96,639,263	118,789,270
March .....	49,040,649	
April .....	40,828,876	
May .....	38,939,933	
June .....	35,176,959	
July .....	33,856,823	
August .....	34,234,310	
September .....	36,255,786	
October .....	43,989,294	
November .....	50,736,057	
December .....	60,322,439	
Totals .....	520,020,389	

1 Does not include waste gas burned in the field.

TABLE 7. Production of Natural Gas, by Provinces, 1961

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
M cu. ft.							
January ..	13,736	2,390,116	3,578,532	47,812,885	8,533,221	3,884	62,332,374
February .	11,980	1,573,802	2,884,377	43,628,700	8,354,595	3,442	56,456,896
Total two months ...	25,716	3,963,918	6,462,909	91,441,585	16,887,816	7,326	118,789,270

TABLE 8. Production of Liquid Hydrocarbons, in Canada, 1961

Month	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane	Propane butane mix
barrels						
January	317,261	215,362	168,233	222,371	163,647	7,658
February	285,496	279,074	143,517	218,001	178,804	6,425
Total two months	602,757	494,436	311,750	440,372	342,451	14,083







Canada. Statistics, Bureau of  
**DOMINION BUREAU OF STATISTICS**  
 OTTAWA - CANADA

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

Vol. 13 - No. 3

March, 1961

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during March, 1961, amounted to 16,361,384 barrels, compared with 16,478,808 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	March 1960	February 1961	March 1961	Year to date	
				1960	1961
New Brunswick .....	1,089	793	921	3,673	2,780
Ontario .....	79,489	83,171	101,259	222,714	274,514
Manitoba .....	393,246	356,339	393,322	1,169,549	1,144,683
Saskatchewan .....	4,664,561	3,868,715	4,533,693	12,671,799	12,660,978
Alberta .....	12,124,493	12,033,183	11,182,253	37,187,027	35,978,021
British Columbia ....	80,629	87,227	102,639	247,593	255,367
Northwest Territories	43,422	49,380	47,297	111,669	135,833
Canada .....	17,386,929	16,478,808	16,361,384	51,614,024	50,452,176

TABLE 2. Production (1) of Crude Petroleum, by Months, 1960 and 1961

Month	1960	1961
in barrels		
January .....	18,319,315	17,611,984
February .....	15,907,780	16,478,808
March .....	17,386,929	16,361,384
Total three months .....	51,614,024	50,452,176
April .....	14,693,387	
May .....	16,681,752	
June .....	15,837,389	
July .....	16,149,537	
August .....	15,246,335	
September .....	15,653,887	
October .....	14,530,337	
November .....	15,012,801	
December .....	16,422,366	
Totals .....	191,841,815	

1 These figures exclude natural gasoline.

Note: Crude petroleum includes field condensate in 1960 - excluded in 1961.

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	March		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Daly .....	67,452	67,601	197,992	193,280
Virden - Roselea .....	102,692	117,733	303,289	343,605
North Virden Scallion .....	153,810	135,855	459,651	398,119
Other Areas .....	69,292	72,133	208,617	209,679
Total crude oil .....	393,246	393,322	1,169,549	1,144,683

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	March		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Dollard .....	334,570	348,962	988,991	1,035,194
Midale .....	343,635	334,847	812,718	1,007,499
Nottingham .....	218,918	231,735	621,977	615,622
Steelman .....	803,704	735,644	2,325,064	1,779,958
Weyburn .....	1,037,636	882,990	2,422,742	2,642,295
Other Areas .....	1,926,098	1,999,515	5,500,307	5,580,410
Total crude oil .....	4,664,561	4,533,693	12,671,799	12,660,978

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	March		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Acheson .....	181,444	125,689	590,571	460,405
Fenn Big Valley .....	515,816	400,193	1,696,483	1,336,957
Golden Spike .....	206,117	34,656	848,094	519,758
Harmattan Elkton .....	130,330	181,246	396,493	519,807
Joffre .....	539,565	507,990	1,565,503	1,434,335
Leduc-Woodbend .....	1,169,732	1,180,352	3,566,500	3,712,502
Pembina .....	3,477,302	3,577,731	9,865,576	10,437,381
Sturgeon Lake South .....	262,357	225,095	802,369	750,197
Swan Hills .....	434,488	520,576	1,104,546	1,623,671
Wizard Lake .....	292,087	105,653	1,102,583	663,415
Other areas .....	4,915,255	4,323,072	15,648,309	14,519,593
Total crude oil .....	12,124,493	11,182,253	37,187,027	35,978,021



TABLE 6. Production (1) of Natural Gas, by months, 1960 and 1961

Month	1960	1961
	M cu. ft.	
January .....	50,479,351	62,332,374
February .....	46,159,912	56,456,896
March .....	49,040,649	60,085,037
Total three months .....	145,679,912	178,874,307
April .....	40,828,876	
May .....	38,939,933	
June .....	35,176,959	
July .....	33,856,823	
August .....	34,234,310	
September .....	36,255,786	
October .....	43,989,294	
November .....	50,736,057	
December .....	60,322,439	
Totals .....	520,020,389	

1 Does not include waste gas burned in the field

TABLE 7. Production of Natural Gas, by Provinces, 1961

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
	M cu. ft.						
January ..	13,738	2,390,116	3,578,532	47,812,885	8,533,221	3,884	62,332,374
February ..	11,980	1,573,802	2,984,377	43,628,700	8,354,595	3,442	56,456,896
March ....	8,537	1,600,000	3,339,242	45,553,575	9,580,328	3,355	60,085,037
Total three months ....	34,253	5,563,918	9,902,151	136,995,160	26,468,144	10,681	178,874,307

TABLE 8. Production of Liquid Hydrocarbons, in Canada, 1961

Month	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane	Propane butane mix
	barrels					
January ..	317,261	215,362	168,233	225,735 <sup>r</sup>	161,749 <sup>r</sup>	7,658
February ..	285,496	279,074	143,517	218,001	178,804	6,425
March ....	293,651	318,065	140,820	227,966	186,856	8,094
Total three months ....	896,408	812,501	460,370	671,702	527,409	22,177

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CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during April, 1961, amounted to 16,845,319 barrels, compared with 16,361,384 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	<u>April</u> 1960	<u>March</u> 1961	<u>April</u> 1961	<u>Year to date</u>	
				1960	1961
New Brunswick .....	1,188	921	770	4,861	3,550
Ontario .....	82,873	101,259	95,197	305,587	369,711
Manitoba .....	378,720	393,322	366,867	1,548,269	1,511,550
Saskatchewan .....	4,281,904	4,533,693	4,248,780	16,953,703	16,909,758
Alberta .....	9,879,575	11,182,253	12,095,482	47,066,602	48,073,503
British Columbia .....	26,036	102,639	2,748	273,629	258,115
Northwest Territories .....	43,091	47,297	35,475	154,760	171,308
Canada .....	14,693,387	16,361,384	16,845,319	66,307,411	67,297,495

TABLE 2. Production (1) of Crude Petroleum, by Months. 1960 and 1961

Month	1960	1961
	in barrels	
January .....	18,319,315	17,611,984
February .....	15,907,780	16,478,808
March .....	17,386,929	16,361,384
April .....	14,693,387	16,845,319
Total four months .....	66,307,411	67,297,495
May .....	16,681,752	
June .....	15,837,389	
July .....	16,149,537	
August .....	15,246,335	
September .....	15,653,887	
October .....	14,530,337	
November .....	15,012,801	
December .....	16,422,366	
Totals .....	191,841,815	

1 These figures exclude natural gasline.

Note: Crude petroleum includes field condensate in 1960 - excluded in 1961.



TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	April		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Daly .....	66,623	67,339	264,615	260,619
Viriden - Roselea .....	100,568	109,024	403,857	452,629
North Viriden Scallion ...	144,531	126,177	604,182	524,296
Other Areas .....	66,998	64,327	275,615	274,006
Total Crude oil .....	378,720	366,867	1,548,269	1,511,550

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	April		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Dollard .....	349,533	355,278	1,338,524	1,390,472
Midale .....	320,221	264,701	1,132,939	1,272,200
Nottingham .....	221,102	230,536	845,526	846,158
Steelman .....	710,969	716,996	3,036,033	2,496,954
Weyburn .....	875,392	698,730	3,298,134	3,341,025
Other Areas .....	2,477,217	1,982,539	7,302,547	7,562,949
Total crude oil .....	4,281,904	4,248,780	16,953,703	16,909,758

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	April		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Acheson .....	116,793	158,822	707,364	619,227
Fenn Big Valley .....	405,750	472,085	2,102,233	1,809,042
Golden Spike .....	71,199	205,449	919,293	725,207
Harmattan Elkton .....	112,118	168,264	508,611	688,071
Joffre .....	511,407	477,593	2,076,910	1,911,928
Leduc-Woodbend .....	1,051,126	1,199,843	4,617,626	4,912,345
Pembina .....	3,051,378	3,368,971	12,918,696	13,806,352
Sturgeon Lake South ...	220,726	248,560	1,023,095	998,757
Swan Hills .....	351,143	635,122	1,493,574	2,258,793
Wizard Lake .....	129,650	261,402	1,232,233	924,817
Other areas .....	3,858,285	4,899,371	19,466,967	19,418,964
Total crude oil ....	9,879,575	12,095,482	47,066,602	48,073,503

TABLE 6. Production (1) of Natural Gas, by months, 1960 and 1961

Month	1960	1961
M cu. ft.		
January .....	50,479,351	62,332,374
February .....	46,159,912	56,456,896
March .....	49,040,649	60,085,037
April .....	40,828,876	53,606,869
Total four months .....	186,508,788	232,481,176
May .....	38,939,933	
June .....	35,176,959	
July .....	33,856,823	
August .....	34,234,310	
September .....	36,255,786	
October .....	43,989,294	
November .....	50,736,057	
December .....	60,322,439	
Totals .....	520,020,389	

1 Does not include waste gas burned in the field

TABLE 7. Production of Natural Gas, by Provinces, 1961

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
M cu. ft.							
January ....	13,736	2,390,116	3,578,532	47,812,885	8,533,221	3,884	62,332,374
February ...	11,980	1,573,802	2,884,377	43,628,700	8,354,595	3,442	56,456,896
March .....	8,537	1,600,000	3,339,242	45,553,575	9,580,328	3,355	60,085,037
April .....	8,267	1,060,000	3,259,258	40,251,383	9,024,740	3,221	53,606,869
Total four months .....	42,520	6,623,918	13,061,409	177,246,543	35,492,884	13,902	232,481,176

TABLE 8. Production of Liquid Hydrocarbons, in Canada, 1961

Month	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane	Propane butane mix
barrels						
January ...	317,261	215,362	168,233	225,735	161,749	7,658
February ..	285,496	279,074	143,517	218,001	178,804	6,425
March .....	293,651	318,065	148,620	227,966	186,856	8,094
April .....	261,293	290,370	148,987	235,016	180,909	6,829
Total four months .....	1,157,701	1,102,871	609,357	906,718	708,318	29,006







## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

Vol. 13 - No. 5

May, 1961

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during May, 1961, amounted to 18,862,584 barrels, compared with 16,845,319 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	May	April	May	Year to date	
	1960	1961	1961	1960	1961
New Brunswick .....	1,222	770	931	6,083	4,481
Ontario .....	93,873	95,197	102,653	399,460	472,364
Manitoba .....	392,293	366,867	377,877	1,940,562	1,889,427
Saskatchewan .....	4,472,618	4,248,780	4,574,714	21,426,321	21,484,472
Alberta .....	11,647,236	12,095,482	13,737,216	58,713,838	61,810,719
British Columbia ....	56,276	2,748	40,028	329,905	298,143
Northwest Territories	18,234	35,475	29,165	172,994	200,473
Canada .....	16,681,752	16,845,319	18,862,584	82,989,163	86,160,079

TABLE 2. Production (1) of Crude Petroleum, by Months, 1960 and 1961

Month	1960	1961
	in barrels	
January .....	18,319,315	17,611,984
February .....	15,907,780	16,478,808
March .....	17,386,929	16,361,384
April.....	14,693,387	16,845,319
May .....	16,681,752	18,862,584
Total five months .....	82,989,163	86,160,079
June .....	15,837,389	
July .....	16,149,537	
August .....	15,246,335	
September .....	15,653,887	
October .....	14,530,337	
November .....	15,012,801	
December .....	16,422,366	
Totals .....	191,841,815	

1 These figures exclude natural gasoline.

Note: Crude petroleum includes field condensate in 1960 - excluded in 1961.

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	May		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Daly .....	69,860	68,478	334,475	329,097
Virden - Roselea .....	103,944	110,464	507,801	563,093
North Virden Scallion .....	148,836	131,147	753,018	655,443
Other Areas .....	69,653	67,788	345,268	341,794
Total Crude oil .....	392,293	377,877	1,940,562	1,889,427

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	May		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Dollard .....	309,969	346,116	1,648,493	1,736,588
Midale .....	338,770	328,667	1,471,709	1,600,867
Nottingham .....	237,776	230,200	1,083,302	1,076,358
Steelman .....	756,780	678,107	3,792,813	3,175,061
Weyburn .....	999,267	905,958	4,297,401	4,236,983
Other Areas .....	1,830,056	2,085,666	9,132,603	9,658,615
Total Crude oil .....	4,472,618	4,574,714	21,426,321	21,484,472

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	May		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Acheson .....	157,929	210,377	865,293	829,604
Fenn Big Valley .....	596,729	569,285	2,698,962	2,378,327
Golden Spike .....	171,722	278,875	1,091,015	1,004,082
Harmattan Elkton .....	133,989	204,251	642,600	892,322
Joffre .....	540,239	491,061	2,617,149	2,402,989
Leduc-Woodbend .....	1,172,649	1,269,877	5,790,275	6,182,222
Pembina .....	3,287,252	3,601,300	16,205,948	17,407,652
Sturgeon Lake South .....	250,452	283,835	1,273,547	1,282,592
Swan Hills .....	424,169	711,079	1,924,511	2,969,872
Wizard Lake .....	224,608	304,359	1,456,841	1,229,176
Other Areas .....	4,687,498	5,812,917	24,147,697	25,231,881
Total Crude oil .....	11,647,236	13,737,216	58,713,838	61,810,719

TABLE 6. Production (1) of Natural Gas, by months, 1960 and 1961

Month	1960	1961
M cu. ft.		
January.....	50,479,351	62,332,374
February.....	46,159,912	56,456,896
March.....	49,040,649	60,085,037
April.....	40,828,876	53,606,869
May.....	38,939,933	50,096,605
Total five months .....	225,448,721	282,577,781
June.....	35,176,959	
July.....	33,856,823	
August.....	34,234,310	
September.....	36,255,786	
October.....	43,989,294	
November.....	50,736,057	
December.....	60,322,439	
Totals.....	520,020,389	

1 Does not include waste gas burned in the field

TABLE 7. Production of Natural Gas, by Provinces, 1961

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
M cu. ft.							
January.....	13,736	2,390,116	3,578,532	47,812,885	8,533,221	3,884	62,332,374
February.....	11,980	1,573,802	2,884,377	43,628,700	8,354,595	3,442	56,456,896
March.....	8,537	1,600,000	3,339,242	45,553,575	9,580,328	3,355	60,085,037
April.....	8,267	1,060,000	3,259,258	40,251,383	9,024,740	3,221	53,606,869
May.....	8,598	768,548	2,839,878	37,810,036	8,666,983	2,562	50,096,605
Total five months.....	51,118	7,392,466	15,901,287	215,056,579	44,159,867	16,464	282,577,781

TABLE 8. Production of Liquid Hydrocarbons, in Canada, 1961

Month	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane r	Propane butane mix
barrels						
January....	317,261	215,362	168,233	225,735	172,158	7,658
February...	285,496	279,074	143,517	218,001	185,180	6,425
March.....	293,651	318,065	148,620	227,966	195,160	8,094
April.....	261,293	290,370	148,987	235,016	199,604	6,829
May.....	256,297	300,430	153,229	257,282	201,299	6,128
Total five months.....	1,413,998	1,403,301	762,586	1,164,000	953,401	35,134

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## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

Vol. 13 - No. 6

June, 1961

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during June, 1961, amounted to 17,892,521 barrels, compared with 18,862,584 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	June 1960	May 1961	June 1961	Year to date 1960	1961
New Brunswick .....	1,155	931	1,178	7,238	5,659
Ontario .....	92,854	102,653	96,348	492,314	568,712
Manitoba .....	391,576	377,877	379,243	2,332,138	2,268,670
Saskatchewan .....	4,306,452	4,574,714	4,501,156	25,732,773	25,985,628
Alberta .....	10,946,013	13,737,216	12,859,326	69,659,851	74,670,045
British Columbia ...	74,464	40,028	25,562	404,369	323,705
Northwest Territories	24,875	29,165	29,708	197,869	230,181
Canada .....	15,837,389	18,862,584	17,892,521	98,826,552	104,052,600

TABLE 2. Production (1) of Crude Petroleum, by Months, 1960 and 1961

Month	1960	1961
in barrels		
January .....	18,319,315	17,611,984
February .....	15,907,780	16,478,808
March .....	17,386,929	16,361,384
April .....	14,693,387	16,845,319
May .....	16,681,752	18,862,584
June .....	15,837,389	17,892,521
Total six months .....	98,826,552	104,052,600
July .....	16,149,537	
August .....	15,246,335	
September .....	15,653,887	
October .....	14,530,337	
November .....	15,012,801	
December .....	16,422,366	
Totals .....	191,841,815	

1 These figures exclude natural gasoline.

Note: Crude petroleum includes field condensate in 1960 - excluded in 1961.

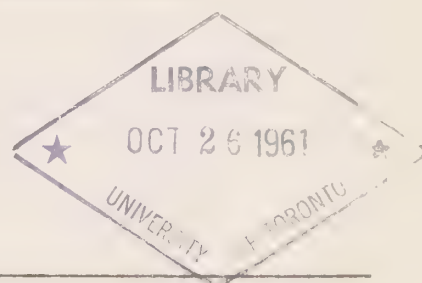


TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	June		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Daly .....	70,675	65,909	405,150	395,006
Virden - Roselea .....	102,419	110,921	610,220	674,014
North Virden Scallion .....	146,510	130,995	899,528	786,438
Other Areas .....	71,972	71,418	417,240	413,212
Total Crude oil .....	391,576	379,243	2,332,138	2,268,670

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	June		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Dollard .....	348,809	316,830	1,997,302	2,053,418
Midale .....	320,696	368,586	1,792,405	1,969,453
Nottingham .....	229,541	221,588	1,312,843	1,297,946
Steelman .....	722,366	622,403	4,515,179	3,797,464
Weyburn .....	814,642	948,917	5,112,043	5,195,900
Other Areas .....	1,870,398	2,022,832	11,003,001	11,671,447
Total Crude oil .....	4,306,452	4,501,156	25,732,773	25,985,628

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	June		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Acheson .....	150,242	181,662	1,015,535	1,011,266
Fenn Big Valley .....	359,675	503,062	3,058,637	2,881,389
Golden Spike .....	139,161	207,020	1,230,176	1,211,102
Harmattan Elkton .....	118,633	186,687	761,233	1,079,009
Joffre .....	504,063	459,809	3,121,212	2,862,798
Leduc-Woodbend .....	1,067,995	1,233,413	6,858,270	7,415,635
Pembina .....	3,358,996	3,467,299	19,564,944	20,874,951
Sturgeon Lake South .....	237,225	254,414	1,510,772	1,537,006
Swan Hills .....	409,468	649,254	2,333,979	3,619,126
Wizard Lake .....	226,929	281,358	1,683,770	1,510,534
Other Areas .....	4,373,626	5,435,348	28,521,323	30,667,229
Total Crude oil .....	10,946,013	12,859,326	69,659,851	74,670,045



TABLE 6. Production (1) of Natural Gas, by months, 1960 and 1961

Month	1960	1961
M cu. ft.		
January .....	50,479,351	62,332,374
February .....	46,159,912	56,456,896
March .....	49,040,649	60,085,037
April .....	40,828,876	53,606,869
May .....	38,939,933	50,096,605
June .....	35,176,959	43,999,721
Total six months .....	260,625,680	326,577,502
July .....	33,856,823	
August .....	34,234,310	
September .....	36,255,786	
October .....	43,989,294	
November .....	50,736,057	
December .....	60,322,439	
Totals .....	520,020,389	

1 Does not include waste gas burned in the field

TABLE 7. Production of Natural Gas, by Provinces, 1961

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
M cu. ft.							
January.....	13,736	2,390,116	3,578,532	47,812,885	8,533,221	3,884	62,332,374
February....	11,980	1,573,802	2,884,377	43,628,700	8,354,595	3,442	56,456,896
March.....	8,537	1,600,000	3,339,242	45,553,575	9,580,328	3,355	60,085,037
April.....	8,267	1,060,000	3,259,258	40,251,383	9,024,740	3,221	53,606,869
May.....	8,598	768,548	2,839,878	37,810,036	8,666,983	2,562	50,096,605
June.....	7,358	637,033	2,274,548	33,377,209	7,700,914	2,652	43,999,721
Total six months.....	58,476	8,029,499	18,175,835	248,433,788	51,860,781	19,123	326,577,502

TABLE 8. Production of Liquid Hydrocarbons, in Canada, 1961

Month	Field Condensate	Plant Condensate	Natural gasoline	Propane r	Butane r	Propane butane mix
barrels						
January....	317,261	215,362	168,233	224,946	171,481	7,658
February...	285,496	279,074	143,517	216,944	184,812	6,425
March.....	293,651	318,065	148,620	226,922	194,867	8,094
April.....	261,293	290,370	148,987	234,783	199,549	6,829
May.....	256,297	300,430	153,229	257,177	201,237	6,128
June.....	249,225	262,024	140,003	234,792	198,835	6,976
Total six months.....	1,663,223	1,665,325	902,589	1,395,564	1,150,781	42,110

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# Canada. Statistics, Bureau of DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

Vol. 13 - No. 7

July, 1961

Price: \$1.00 per year, 10¢ per copy.

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during July, 1961, amounted to 19,005,704 barrels, compared with 17,802,521 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	July	June	July	Year to date	
	1960	1961	1961	1960	1961
New Brunswick .....	1,124	1,178	1,096	8,362	6,755
Ontario .....	88,097	96,348	100,838	580,411	669,550
Manitoba .....	408,298	379,243	386,396	2,740,436	2,655,066
Saskatchewan .....	4,756,028	4,501,156	4,701,168	30,488,801	30,686,796
Alberta .....	10,751,150	12,859,326	13,722,770	80,411,001	88,392,815
British Columbia .....	102,821	25,562	50,800	507,190	374,505
Northwest Territories	42,019	29,708	42,636	239,888	272,817
Canada .....	16,149,537	17,892,521	19,005,704	114,976,089	123,058,304

TABLE 2. Production (1) of Crude Petroleum, by Months, 1960 and 1961

Month	1960	1961
	in barrels	
January .....	18,319,315	17,611,984
February .....	15,907,780	16,478,808
March .....	17,386,929	16,361,384
April .....	14,693,387	16,845,319
May .....	16,681,752	18,862,584
June .....	15,837,389	17,892,521
July .....	16,149,537	19,005,704
Total seven months .....	114,976,089	123,058,304
August .....	15,246,335	
September .....	15,653,887	
October .....	14,530,337	
November .....	15,012,801	
December .....	16,422,366	
Totals .....	191,841,815	

1 These figures exclude natural gasoline.

Note: Crude petroleum includes field condensate in 1960 - excluded in 1961.

Industry and Merchandising Division

6514-506-71



TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	July		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Daly .....	72,166	66,930	477,316	461,936
Virden - Roselea .....	114,071	115,383	732,182	789,397
North Virden Scallion .....	152,055	132,017	1,051,583	919,355
Other Areas .....	70,006	71,166	479,355	484,378
Total Crude oil .....	408,298	386,396	2,740,436	2,655,066

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	July		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Dollard .....	357,904	349,008	2,355,206	2,402,426
Midale .....	353,965	319,480	2,146,370	2,288,933
Nottingham .....	225,944	225,250	1,538,787	1,523,196
Steelman .....	736,290	817,521	5,251,469	4,614,985
weyburn .....	1,141,081	893,464	6,253,124	6,089,364
Other Areas .....	1,940,844	2,096,445	12,943,845	13,767,892
Total Crude oil .....	4,756,028	4,701,168	30,488,801	30,686,796

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	July		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Acheson .....	151,334	207,851	1,166,869	1,426,791
Fenn Big Valley .....	419,031	543,392	3,477,668	3,966,261
Golden Spike .....	101,723	268,670	1,331,899	1,771,272
Harmattan Elkton .....	108,195	182,069	869,428	1,455,507
Joffre .....	538,838	480,725	3,660,050	3,820,519
Leduc-woodbend .....	1,038,608	1,280,089	7,896,878	10,032,222
Pembina .....	3,327,979	3,666,142	22,893,960	28,216,479
Sturgeon Lake South .....	238,512	270,129	1,749,284	2,079,089
Swan Hills .....	379,077	742,050	2,713,056	5,116,174
Wizard Lake .....	154,986	307,417	1,838,756	2,145,267
Other Areas .....	4,292,867	5,774,236	32,813,153	28,363,234
Total Crude oil .....	10,751,150	13,722,770	80,411,001	88,392,815

TABLE 6. Production (1) of Natural Gas, by months, 1960 and 1961

Month	1960	1961
	M. cu. ft.	
January .....	50,479,351	62,332,374
February .....	46,150,912	56,456,896
March .....	49,040,649	60,085,037
April .....	40,828,876	53,606,869
May .....	38,939,933	50,096,605
June .....	35,176,959	43,999,721
July .....	33,856,823	43,154,764
Total seven months .....	294,482,503	369,732,266
August .....	34,234,310	
September .....	36,255,786	
October .....	43,989,294	
November .....	50,736,057	
December .....	60,322,439	
Totals .....	520,020,389	

Does not include waste gas burned in the field

TABLE 7. Production of Natural Gas, by Provinces, 1961

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
	M. cu. ft.						
January .....	13,736	2,390,116	3,578,532	47,812,885	8,533,221	3,884	62,332,374
February .....	11,980	1,573,802	2,884,377	43,628,700	8,354,595	3,442	56,456,896
March .....	8,537	1,600,000	3,339,242	45,553,575	9,580,328	3,355	60,085,037
April .....	8,267	1,060,000	3,250,258	40,251,383	9,024,740	3,221	53,606,869
May .....	8,598	768,548	2,839,878	37,810,036	8,666,983	2,562	50,096,605
June .....	7,358	637,033	2,274,548	33,377,209	7,700,914	2,650	43,999,721
July .....	6,912	488,109	2,262,360	32,732,673	7,661,719	2,991	43,154,764
Total seven months .....	65,388	8,517,608	20,438,195	281,166,461	59,522,500	22,114	369,732,266

TABLE 8. Production of Natural Gas By - Products, in Canada, 1961

Month	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane	Propane butane mix
barrels						
January .....	317,261	215,362	168,233	224,946	171,481	7,658
February ....	285,496	279,074	143,517	216,944	184,812	6,425
March .....	293,651	318,065	148,620	226,922	194,867	8,094
April .....	261,293	290,370	148,987	234,783	199,549	6,829
May .....	256,297	300,430	153,229	257,177	201,237	6,128
June .....	249,225	262,024	140,003	234,792	198,835	6,976
July .....	237,232	256,332	152,022	235,066	201,377	7,484
Total seven months .....	1,900,455	1,921,657	1,054,611	1,630,630	1,352,158	49,594





## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Hon. George Hees, Minister of Trade and Commerce

Vol. 13 - No. 8

August, 1961

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during August, 1961, amounted to 19,644,122 barrels, compared with 19,005,704 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	August	July	August	Year to date	
	1960	1961	1961	1960	1961
New Brunswick .....	1,077	1,096	958	9,439	7,713
Ontario .....	91,870	100,838	99,515	672,281	769,065
Manitoba .....	404,833	386,396	385,241	3,145,269	3,040,307
Saskatchewan .....	4,664,606	4,701,168	4,961,145	35,153,407	35,647,941
Alberta .....	9,945,498	13,722,770	14,089,453	90,356,499	102,482,268
British Columbia .....	87,407	50,800	51,926	594,597	426,431
Northwest Territories ....	51,044	42,636	55,884	290,932	328,701
Canada .....	15,246,335	19,005,704	19,644,122	130,222,424	142,702,426

TABLE 2. Production (1) of Crude Petroleum, by Months, 1960 and 1961

Month	1960	1961
	in barrels	
January .....	18,319,315	17,611,984
February .....	15,907,780	16,478,808
March .....	17,386,929	16,361,384
April .....	14,693,387	16,845,319
May .....	16,681,752	18,862,584
June .....	15,837,389	17,892,521
July .....	16,149,537	19,005,704
August .....	15,246,335	19,644,122
Total eight months .....	130,222,424	142,702,426
September .....	15,653,887	
October .....	14,530,337	
November .....	15,012,801	
December .....	16,422,366	
Totals .....	191,841,815	

1 These figures exclude natural gasoline.

Note: Crude petroleum includes field condensate in 1960 - excluded in 1961.

Industry and Merchandising Division

6514-506-81

ROGER DUHAMEL, F.R.S.C., Queen's Printer and Controller of Stationery, Ottawa, 1961

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	August		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Daly .....	73,327	66,203	550,643	528,139
Virden - Roselea .....	113,610	114,300	845,792	903,697
North Virden Scallion .....	145,169	131,712	1,196,752	1,051,067
Other Areas .....	72,727	73,026	552,082	557,404
Total Crude Oil .....	404,833	385,241	3,145,269	3,040,307

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	August		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Dollard .....	331,840	354,732	2,687,046	2,757,158
Midale .....	361,375	420,009	2,507,745	2,708,942
Nottingham .....	222,022	225,322	1,760,809	1,748,518
Steelman .....	717,384	707,400	5,968,853	5,322,385
Weyburn .....	1,036,987	1,112,288	7,290,111	7,201,652
Other Areas .....	1,995,008	2,141,394	14,938,843	15,909,286
Total Crude Oil .....	4,664,606	4,961,145	35,153,407	35,647,941

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	August		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Acheson .....	104,412	207,674	1,271,281	1,426,791
Fenn Big Valley .....	381,248	541,480	3,858,916	3,966,261
Golden Spike .....	28,254	291,500	1,360,153	1,771,272
Harmattan Elkton .....	110,034	194,429	979,462	1,455,507
Joffre .....	525,586	476,996	4,185,636	3,820,519
Leduc-Woodbend .....	985,580	1,336,498	8,882,458	10,032,222
Pembina .....	3,214,041	3,675,386	26,108,001	28,216,479
Sturgeon Lake South .....	211,833	271,954	1,961,117	2,079,089
Swan Hills .....	362,256	754,998	3,075,312	5,116,174
Wizard Lake .....	77,239	327,316	1,915,995	2,145,267
Other Areas .....	3,945,015	6,011,222	36,758,168	42,452,687
Total Crude Oil .....	9,945,498	14,089,453	90,356,499	102,482,268

TABLE 6. Production (1) of Natural Gas, by months, 1960 and 1961

Month	1960	1961
M. cu. ft. (14.65 psia, 60°F)		
January .....	50,479,351	62,332,374
February .....	46,159,912	56,456,896
March .....	49,040,649	60,085,037
April .....	40,828,876	53,606,869
May .....	38,939,933	50,096,605
June .....	35,176,959	43,999,721
July .....	33,856,823	43,154,764
August .....	34,234,310	45,605,555
Total eight months .....	328,716,813	415,337,821
September .....	36,255,786	
October .....	43,989,294	
November .....	50,736,057	
December .....	60,322,439	
Totals .....	520,020,389	

1 Does not include waste gas burned in the field

TABLE 7. Production of Natural Gas, by Provinces, 1961

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
M. cu. ft. (14.65 psia, 60°F)							
January .....	13,736	2,390,116	3,578,532	47,812,885	8,533,221	3,884	62,332,374
February .....	11,980	1,573,802	2,884,377	43,628,700	8,354,595	3,442	56,456,896
March .....	8,537	1,600,000	3,339,242	45,553,575	9,580,328	3,355	60,085,037
April .....	8,267	1,060,000	3,259,258	40,251,383	9,024,740	3,221	53,606,869
May .....	8,598	768,548	2,839,878	37,810,036	8,666,983	2,562	50,096,605
June .....	7,358	637,033	2,274,548	33,377,209	7,700,914	2,659	43,999,721
July .....	6,912	488,109	2,262,360	32,732,673	7,661,719	2,991	43,154,764
August .....	6,627	535,824	2,660,350	34,500,138	7,900,774	1,842	45,605,555
Total eight months ..	72,015	9,053,432	23,098,545	315,666,599	67,423,274	23,956	415,337,821



TABLE 8. Production of Natural Gas by - Products, in Canada, 1961

Month	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane	Propane butane mix
barrels						
January .....	317,261	215,362	168,233	224,946	171,481	7,658
February ....	285,496	279,074	143,517	216,744	184,812	6,425
March .....	293,651	318,065	148,620	226,922	194,867	8,094
April .....	261,293	290,370	148,987	234,783	199,549	6,829
May .....	256,297	300,430	153,229	257,177	201,237	6,128
June .....	249,225	262,024	140,003	234,792	198,835	6,976
July .....	237,232	256,332	152,022	235,066	201,377	7,484
August .....	244,073	305,893	148,012	242,719	205,542	7,904
Total eight months ....	2,144,528	2,227,550	1,202,623	1,873,349	1,557,700	57,498

CATALOGUE No.

26 - 006

Monthly

Canada. Statistics, Bureau of  
DOMINION BUREAU OF STATISTICS  
OTTAWA - CANADA

Published by Authority of the Honourable George Hees, Minister of Trade and Commerce

Vol. 13 - No. 9

September, 1961

Price: \$1.00 per year, 10¢ per copy

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during September, 1961, amounted to 19,556,165 barrels, compared with 19,644,122 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	September 1960	August 1961	September 1961	Year to date	
				1960	1961
New Brunswick .....	1,274	958	1,080	10,713	8,793
Ontario .....	87,619	99,515	98,008	759,900	867,073
Manitoba .....	401,502	385,241	357,730	3,546,771	3,398,037
Saskatchewan .....	4,391,286	4,961,145	5,078,710	39,544,693	40,726,651
Alberta .....	10,623,606	14,089,453	13,867,920	100,980,105	116,350,188
British Columbia .....	88,627	51,926	89,184	683,224	515,615
Northwest Territories .	59,973	55,884	63,533	350,905	392,234
Canada .....	15,653,887	19,644,122	19,556,165	145,876,311	162,258,591

TABLE 2. Production (1) of Crude Petroleum, by Months, 1960 and 1961

Month	1960	1961
	in barrels	
January .....	18,319,315	17,611,984
February .....	15,907,780	16,478,808
March .....	17,386,929	16,361,384
April .....	14,693,387	16,845,319
May .....	16,681,752	18,862,584
June .....	15,837,389	17,892,521
July .....	16,149,537	19,005,704
August .....	15,246,335	19,644,122
September .....	15,653,887	19,556,165
Total nine months .....	145,876,311	162,258,591
October .....	14,530,337	
November .....	15,012,801	
December .....	16,422,366	
Totals .....	191,841,815	

1 These figures exclude natural gasoline

Note: Crude petroleum includes field condensate in 1960 - excluded in 1961.

6514-506-91

Industry and Merchandising Division

ROGER D. V. MEL, F.R.S.C., Queen's Printer and Controller of Stationery, Ottawa, 1962

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	September		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Daly .....	72,126	64,675	622,769	592,814
Virden - Roselea .....	112,688	107,987	958,480	1,011,684
North Virden Scallion .....	145,827	119,792	1,342,579	1,170,859
Other Areas .....	70,861	65,276	622,943	622,680
Total Crude oil .....	401,502	357,730	3,546,771	3,398,037

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	September		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Dollard .....	323,008	361,179	3,010,054	3,118,337
Midale .....	319,830	476,982	2,827,575	3,185,924
Nottingham .....	217,403	248,249	1,978,212	1,996,767
Steelman .....	673,619	769,642	6,642,472	6,092,027
Weyburn .....	944,637	1,112,128	8,234,748	8,313,780
Other Areas .....	1,912,789	2,110,530	16,851,632	18,019,816
Total Crude oil .....	4,391,286	5,078,710	39,544,693	40,726,651

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	September		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Acheson .....	129,047	161,861	1,400,328	1,624,034
Fenn Big Valley .....	406,922	467,491	4,265,838	4,499,144
Golden Spike .....	70,646	134,750	1,430,799	2,050,987
Harmattan Elkton .....	120,097	180,261	1,099,559	1,638,851
Joffre .....	506,600	475,937	4,692,236	4,283,805
Leduc-Woodbend .....	1,040,389	1,238,321	9,922,847	11,277,304
Pembina .....	3,313,264	3,620,418	29,421,265	31,796,033
Sturgeon Lake South .....	229,042	248,734	2,190,159	2,350,814
Swan Hills .....	439,360	729,590	3,514,672	5,921,433
Wizard Lake .....	124,981	184,071	2,040,976	2,544,202
Other Areas .....	4,243,258	5,362,400	41,001,426	48,363,581
Total Crude oil .....	10,623,606	12,803,834	100,980,105	116,350,188



TABLE 6. Production (1) of Natural Gas, by months, 1960 and 1961

Month	1960	1961
M. cu.ft. (14.65 psia, 60°F)		
January .....	50,479,351	62,332,374
February .....	46,159,912	56,456,896
March .....	49,040,649	60,085,037
April .....	40,828,876	53,606,869
May .....	38,939,933	50,096,605
June .....	35,176,959	43,999,721
July .....	33,856,823	43,154,764
August .....	34,234,310	45,605,555
September .....	36,255,786	47,770,341
Total nine months .....	364,972,599	463,108,162
October .....	43,989,294	
November .....	50,736,057	
December .....	60,322,439	
Totals .....	520,020,389	

1 Does not include waste gas burned in the field

TABLE 7. Production of Natural Gas, by Provinces, 1961

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
M. cu.ft. (14.65 psia, 60°F)							
January ....	13,736	2,390,116	3,578,532	47,812,885	8,533,221	3,884	62,332,374
February ...	11,980	1,573,802	2,341,377	43,628,700	8,354,595	3,442	56,456,896
March .....	8,537	1,600,000	3,339,242	45,553,575	9,580,328	3,355	60,085,037
April .....	8,267	1,060,000	3,259,258	40,251,383	9,024,740	3,221	53,606,869
May .....	8,598	763,548	2,839,878	37,810,036	8,666,983	2,562	50,096,605
June .....	7,358	637,033	2,274,548	33,377,209	7,700,914	2,659	43,999,721
July .....	6,912	488,109	2,262,360	32,732,673	7,661,719	2,991	43,154,764
August .....	6,627	535,824	2,660,350	34,500,138	7,900,774	1,842	45,605,555
September ..	6,843	589,053	2,879,320	36,161,121	8,131,763	2,241	47,770,341
Total nine months ..	78,858	9,642,485	25,977,865	351,827,720	75,555,037	26,197	463,108,162

TABLE 8. Production of Natural Gas by - Products, in Canada, 1961

Month	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane	Propane butane mix
barrels						
January .....	317,261	215,362	168,233	224,946	171,481	7,658
February .....	285,496	279,074	143,517	216,944	184,812	6,425
March .....	293,651	318,065	148,620	226,922	194,867	8,094
April .....	261,293	290,370	148,987	234,783	199,549	6,829
May .....	256,297	300,430	153,229	257,177	201,237	6,128
June .....	249,225	262,024	140,003	234,792	198,835	6,976
July .....	237,232	256,332	152,022	235,066	201,377	7,484
August .....	244,073	305,893	148,012	242,719	205,542	7,904
September ...	251,458	276,070	145,348	244,734	208,369	7,043
Total nine months .	2,395,986	2,503,620	1,347,971	2,118,083	1,766,069	64,541

CATALOGUE No.

26 - 006

Monthly

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

LIBRARY

Published by Authority of the Honourable George Hees, Minister of Trade and Commerce

Vol. 13 - No. 10

October, 1961

Price: \$1.00 per year, 13¢ per copy

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during October, 1961, amounted to 18,174,318 barrels, compared with 19,556,165 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	October	September	October	Year to date	
	1960	1961	1961	1960	1961
New Brunswick .....	1,268	1,080	1,049	11,981	9,842
Ontario .....	78,386	98,008	95,173	832,286	963,246
Manitoba .....	411,225	357,730	366,679	3,957,996	3,764,716
Saskatchewan .....	4,177,313	5,078,710	4,716,010	43,722,006	45,442,662
Alberta .....	9,736,428	13,867,920	12,803,834	110,716,533	129,154,022
British Columbia .....	74,904	89,184	114,092	758,128	659,707
Northwest Territories ..	50,813	63,533	46,481	401,718	438,715
Canada .....	14,530,337	19,556,165	18,174,318	160,406,648	180,432,909

TABLE 2. Production (1) of Crude Petroleum, by Months, 1960 and 1961

Month	1960	1961
	in barrels	
January .....	18,319,315	17,611,984
February .....	15,907,780	16,478,808
March .....	17,386,929	16,361,384
April .....	14,693,387	16,845,319
May .....	16,681,752	18,862,584
June .....	15,837,389	17,892,521
July .....	16,149,537	19,005,704
August .....	15,246,335	19,644,122
September .....	15,653,887	19,556,165
October .....	14,530,337	18,174,318
Total ten months .....	160,406,648	180,432,909
November .....	15,012,801	
December .....	16,422,366	
Totals .....	191,841,815	

1 These figures exclude natural gasoline

Note: Crude petroleum includes field condensate in 1960 - excluded in 1961

6514-506-101

Industry and Merchandising Division



TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	October		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Daly .....	70,674	64,632	693,443	657,446
Virden - Roselea .....	119,951	110,351	1,078,431	1,122,035
North Virden Scallion .....	144,576	123,415	1,487,155	1,294,274
Other Areas .....	76,024	68,281	698,967	700,961
Total Crude oil .....	411,225	366,679	3,957,996	3,764,716

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	October		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Dollard .....	339,769	295,903	3,349,823	3,414,240
Midale .....	290,348	455,009	3,117,923	3,640,933
Nottingham .....	202,154	221,492	2,180,366	2,218,259
Steelman .....	653,626	649,541	7,296,098	6,741,568
Weyburn .....	827,379	1,196,418	9,062,127	9,510,198
Other Areas .....	1,864,037	1,897,647	18,715,669	19,917,463
Total Crude oil .....	4,177,313	4,716,010	43,722,006	45,442,661

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	October		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Lethbridge .....	103,200	161,861	1,503,528	1,785,895
Fenn Pig Valley .....	347,938	467,491	4,613,776	4,966,635
Golden Spike .....	25,355	134,750	1,456,154	2,185,737
Harmattan Elkton .....	97,215	180,261	1,196,774	1,819,112
Joffre .....	459,342	475,937	5,151,578	4,759,742
Leduc-Woodbend .....	1,104,302	1,238,321	11,027,149	12,515,625
Pembina .....	3,072,975	3,620,418	32,495,211	35,416,451
Sturgeon Lake South .....	198,513	248,734	2,388,672	2,599,548
Swan Hills .....	369,504	729,590	3,884,176	6,651,023
Wizard Lake .....	69,112	184,071	2,110,088	2,728,273
Other Areas .....	3,888,972	5,362,400	44,889,427	53,725,981
Total Crude oil .....	9,736,428	12,803,834	110,716,533	129,154,022

TABLE 6. Production (1) of Natural Gas, by months, 1960 and 1961

Month	1960	1961
M. cu.ft. (14.65 psia, 60°F)		
January .....	50,479,351	62,332,374
February .....	46,159,912	56,456,896
March .....	49,040,649	60,085,037
April .....	40,828,876	53,606,869
May .....	38,939,933	50,096,605
June .....	35,176,959	43,999,721
July .....	33,856,823	43,154,764
August .....	34,234,310	45,605,555
September .....	36,255,786	47,770,341
October .....	43,989,294	54,397,925
Total ten months .....	408,961,893	517,506,087
November .....	50,736,057	
December .....	60,322,439	
Totals .....	520,020,389	

1 Does not include waste gas burned in the field

TABLE 7. Production of Natural Gas, by Provinces, 1961

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
M. cu.ft. (14.65 psia, 60°F)							
January ....	13,736	2,390,116	3,578,532	47,812,885	8,533,221	3,884	62,332,374
February ...	11,980	1,573,802	2,824,377	43,628,700	8,354,595	3,412	56,456,896
March .....	8,537	1,600,000	3,339,242	45,553,575	9,580,328	3,355	60,085,037
April .....	8,267	1,060,000	3,259,258	40,251,383	9,024,740	3,221	53,606,869
May .....	8,598	768,548	2,839,878	37,810,036	8,666,983	2,562	50,096,605
June .....	7,358	637,033	2,274,548	33,377,209	7,700,914	2,659	43,999,721
July .....	6,912	488,109	2,262,360	32,732,673	7,661,719	2,991	43,154,764
August .....	6,627	535,824	2,660,350	34,500,138	7,900,774	1,842	45,605,555
September ..	6,843	589,053	2,879,320	36,161,121	8,131,763	2,241	47,770,341
October ....	6,766	1,063,210	2,836,392	42,127,322	8,362,158	2,077	54,397,925
Total ten months .....	85,624	10,705,695	28,814,257	393,955,042	83,917,195	28,274	517,506,087

TABLE 8. Production of Natural Gas by - Products, in Canada, 1961

Month	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane	Propane butane mix
barrels						
January .....	317,261	215,362	168,233	224,946	171,481	7,658
February ....	285,496	279,074	143,517	216,944	184,812	6,425
March .....	293,651	318,065	148,620	226,922	194,867	8,094
April .....	261,293	290,370	148,987	234,783	199,549	6,829
May .....	256,297	300,430	153,229	257,177	201,237	6,128
June .....	249,225	262,024	140,003	234,792	198,835	6,976
July .....	237,232	256,332	152,022	235,066	201,377	7,484
August .....	244,073	305,893	148,012	242,719	205,542	7,904
September ...	251,458	276,070	145,348	244,734	208,369	7,043
October .....	290,926	300,154	158,939	253,738	204,250	6,731
Total ten months .....	2,686,912	2,803,774	1,506,910	2,371,821	1,970,319	71,272



CATALOGUE No.

26 - 006

Monthly

# Canada. Statistics, Bureau of DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Honourable George Hees, Minister of Trade and Commerce

Vol. 13 - No. 11 November, 1961 Price: \$1.00 per year, 10¢ per copy.

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during November, 1961, amounted to 19,809,721 barrels, compared with 18,174,318 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	November	October	November	Year to date	
	1960	1961	1961	1960	1961
New Brunswick .....	1,096	1,049	948	13,077	10,790
Ontario .....	82,649	96,173	93,394	920,935	1,056,640
Manitoba .....	399,803	366,679	356,812	4,357,799	4,121,528
Saskatchewan .....	3,933,218	4,716,010	5,114,401	47,655,224	50,557,062
Alberta .....	10,551,380	12,803,834	14,068,376	121,267,913	143,222,398
British Columbia .....	26,762	144,092	140,712	784,890	800,419
Northwest Territories	17,893	46,481	35,078	419,611	473,793
Canada .....	15,012,801	18,174,318	19,809,721	175,419,449	200,242,630

TABLE 2. Production (1) of Crude Petroleum, by Months, 1960 and 1961

Month	1960	1961
	in barrels	
January .....	18,319,315	17,611,984
February .....	15,907,780	16,478,808
March .....	17,386,929	16,361,384
April .....	14,693,387	16,845,319
May .....	16,681,752	18,862,584
June .....	15,837,389	17,892,521
July .....	16,149,537	19,005,704
August .....	15,246,335	19,644,122
September .....	15,653,887	19,556,165
October .....	14,530,337	18,174,318
November .....	15,012,801	19,809,721
Total eleven months .....	175,419,449	200,242,630
December .....	16,422,366	
Totals .....	191,841,815	

These figures exclude natural gasoline

Note: Crude petroleum includes field condensate in 1960 - excluded in 1961

Industry and Merchandising Division

14-506-111

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	November		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Daly .....	68,542	62,641	761,985	720,087
Virden-Roselea .....	116,067	106,682	1,194,498	1,228,717
North Virden Scallion .....	139,608	119,452	1,626,763	1,413,726
Other Areas .....	75,586	68,037	774,553	758,998
Total Crude oil .....	399,803	356,812	4,357,799	4,121,528

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	November		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Dollard .....	338,127	289,166	3,687,950	3,703,406
Midale .....	263,295	506,358	3,381,218	4,147,291
Nottingham .....	186,599	254,688	2,366,965	2,472,947
Steelman .....	585,019	851,544	7,881,117	7,593,112
Weyburn .....	727,984	1,093,659	9,790,111	10,603,857
Other Areas .....	1,832,194	2,118,986	20,517,863	22,036,449
Total Crude oil .....	3,933,218	5,114,401	47,655,224	50,557,062

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	November		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Acheson .....	118,866	225,525	1,622,394	2,011,420
Fenn Big Valley .....	377,092	579,568	4,990,868	5,546,203
Golden Spike .....	32,348	311,015	1,488,502	2,496,752
Harmattan Elkton .....	103,145	167,144	1,299,919	1,980,256
Joffre .....	499,155	458,298	5,650,733	5,218,040
Leduc-Woodbend .....	1,120,152	1,296,709	12,147,301	13,812,334
Pembina .....	3,279,602	3,553,100	35,774,813	38,969,551
Sturgeon Lake South .....	214,468	271,780	2,603,140	2,871,328
Swan Hills .....	480,838	858,667	4,365,014	7,509,690
Wizard Lake .....	86,090	289,656	2,196,178	3,017,929
Other Areas .....	4,239,624	6,056,914	49,129,051	59,782,895
Total Crude oil .....	10,551,380	14,068,376	121,267,913	143,222,398

TABLE 6. Production (1) of Natural Gas, by months, 1960 and 1961

Month	1960	1961
	M. cu.ft. (14.65 psia, 60°F)	
January .....	50,479,351	62,332,374
February .....	46,159,912	56,456,896
March .....	49,040,649	60,085,037
April .....	40,828,876	53,606,869
May .....	38,939,933	50,096,605
June .....	35,176,959	43,999,721
July .....	33,856,823	43,154,764
August .....	34,234,310	45,605,555
September .....	36,255,786	47,770,341
October .....	43,989,294	54,397,925
November .....	50,736,057	62,306,803
Total eleven months .....	459,697,950	579,812,890
December .....	60,322,439	
Totals .....	520,020,389	

1 Does not include waste gas burned in the field

TABLE 7. Production of Natural Gas, by Provinces, 1961

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
	M. cu.ft. (14.65 psia, 60°F)						
January ....	13,736	2,390,116	3,578,532	47,812,885	8,533,221	3,884	62,332,374
February ...	11,980	1,573,802	2,884,377	43,628,700	8,354,595	3,442	56,456,896
March .....	8,537	1,600,000	3,339,242	45,553,575	9,580,328	3,355	60,085,037
April .....	8,267	1,060,000	3,259,258	40,251,383	9,024,740	3,221	53,606,869
May .....	8,598	768,548	2,839,878	37,810,036	8,666,983	2,562	50,096,605
June .....	7,358	637,033	2,274,548	33,377,209	7,700,914	2,659	43,999,721
July .....	6,912	488,109	2,262,360	32,732,673	7,661,719	2,991	43,154,764
August .....	6,627	535,824	2,660,350	34,500,138	7,900,774	1,842	45,605,555
September ..	6,843	589,053	2,879,320	36,161,121	8,131,763	2,241	47,770,341
October ....	6,766	1,063,210	2,836,392	42,127,322	8,362,158	2,077	54,397,925
November ...	4,907	1,591,520	3,702,807	48,036,330	8,967,299	3,940	62,306,803
Total eleven months .....	90,531	12,297,215	32,517,064	441,991,372	92,884,494	32,214	579,812,890



TABLE 8. Production of Natural Gas by-Products, in Canada, 1961

Month	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane	Propane butane mix
barrels						
January .....	317,261	215,362	168,233	224,946	171,481	7,658
February ....	285,496	279,074	143,517	216,944	184,812	6,425
March .....	293,651	318,065	148,620	226,922	194,867	8,094
April .....	261,293	290,370	148,987	234,783	199,549	6,829
May .....	256,297	300,430	153,229	257,177	201,237	6,128
June .....	249,225	262,024	140,003	234,792	198,835	6,976
July .....	237,232	256,332	152,022	235,066	201,377	7,484
August .....	244,073	305,893	148,012	242,719	205,542	7,904
September ...	251,458	276,070	145,348	244,734	208,369	7,043
October .....	290,926	300,154	158,939	253,738	204,250	6,731
November ....	282,953	310,286	178,667	282,902	214,095	6,444
Total eleven months .....	2,969,865	3,114,060	1,685,577	2,654,723	2,184,414	77,716

CATALOGUE No.

# DOMINION BUREAU OF STATISTICS

26 - 006

OTTAWA - CANADA

Monthly

Published by Authority of the Honourable George Hees, Minister of Trade and Commerce

Vol. 13 - No. 12

December, 1961

Price: \$1.00 per year, 10¢ per copy.

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during December, 1961, amounted to 20,605,988 barrels, compared with 19,809,721 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	December	November	December	Year to date	
	1960	1961	1961	1960	1961
New Brunswick .....	1,071	948	1,233	14,148	12,023
Ontario .....	84,095	93,394	91,041	1,005,030	1,147,681
Manitoba .....	406,246	356,812	358,687	4,764,045	4,480,215
Saskatchewan .....	4,224,089	5,114,401	5,301,563	51,908,428	55,858,625
Alberta .....	11,308,030	14,068,376	14,576,691	130,506,968	157,811,712
British Columbia .....	79,075	140,712	217,672	867,057	1,018,091
Northwest Territories ..	48,934	35,078	59,101	468,545	532,894
Canada .....	16,151,540	19,809,721	20,605,988	189,534,221	220,861,241

TABLE 2. Production (1) of Crude Petroleum, by Months, 1960 and 1961

Month	1960r	1961r
	in barrels	
January .....	18,182,262	17,614,612
February .....	15,740,455	16,481,541
March .....	17,165,544	16,363,183
April .....	14,490,211	16,846,177
May .....	16,541,558	18,863,426
June .....	15,729,200	17,893,591
July .....	16,025,491	19,006,296
August .....	15,082,841	19,645,549
September .....	15,396,659	19,556,839
October .....	14,273,656	18,174,318
November .....	14,754,804	19,809,721
December .....	16,151,540	20,605,988
Totals .....	189,534,221	220,861,241

1 These figures exclude natural gasoline

Note: Crude Petroleum includes field condensate in 1960 - excluded in 1961

r - revised

Industry and Merchandising Division

5514-506-121

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	December		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Daly .....	70,007	61,260	831,992	781,347
Virden-Roselea .....	120,215	105,269	1,314,713	1,333,986
North Virden Scallion .....	141,689	124,582	1,768,452	1,538,308
Other Areas .....	74,335	67,576	848,888	826,574
Total Crude oil .....	406,246	358,687	4,764,045	4,480,215

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	December		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Dollard .....	346,144	326,193	4,034,094	4,029,599
Midale .....	341,881	455,646	3,723,099	4,602,937
Nottingham .....	191,701	269,218	2,558,666	2,742,165
Steelman .....	578,615	856,853	8,459,732	8,449,965
Weyburn .....	883,580	1,137,298	10,673,691	11,741,155
Other Areas .....	1,870,488	2,256,355	22,418,351	24,292,804
Total Crude oil .....	4,212,409	5,301,563	51,867,633	55,858,625

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	December		Year to date	
	1960	1961	1960	1961
in barrels of 35 Imperial gallons				
Acheson .....	130,051	243,639	1,752,445	2,255,059
Fenn Big Valley .....	475,219	564,933	5,466,087	6,111,136
Golden Spike .....	28,471	355,601	1,516,973	2,852,353
Harmattan Elkton .....	114,741	198,075	1,414,660	2,184,331
Joffre .....	533,701	445,052	6,184,434	5,666,283
Leduc-Woodbend .....	1,210,342	1,323,642	13,357,643	15,136,404
Pembina .....	3,534,287	3,760,956	39,310,358	42,733,575
Sturgeon Lake South .....	224,081	294,716	2,827,221	3,166,044
Swan Hills .....	526,288	860,854	4,891,302	8,376,621
Wizard Lake .....	105,096	451,605	2,301,274	3,469,534
Other Areas .....	4,721,881	6,077,618	53,849,674	65,860,372
Total Crude oil .....	11,604,158	14,576,691	132,872,071	157,811,712



TABLE 6. Production (1) of Natural Gas, by months, 1960 and 1961

Month	1960r	1961
	M. cu.ft. (14.65 psia, 60°F)	
January .....	50,535,935	62,332,374
February .....	46,141,890	56,456,896
March .....	49,469,928	60,085,037
April .....	41,296,338	53,606,869
May .....	39,443,048	50,096,605
June .....	35,680,979	43,999,721
July .....	34,057,816	43,154,764
August .....	34,457,225	45,605,555
September .....	36,448,582	47,770,341
October .....	44,186,193	54,397,925
November .....	50,934,633	62,306,803
December .....	60,319,760	78,078,714
Totals .....	522,972,327	657,891,604

1 Does not include waste gas burned in the field  
r revised

TABLE 7. Production of Natural Gas, by Provinces, 1961

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
	M. cu.ft. (14.65 psia, 60°F)						
January ....	13,736	2,390,116	3,578,532	47,812,885	8,533,221	3,884	62,332,374
February ...	11,980	1,573,802	2,884,377	43,628,700	8,354,595	3,442	56,456,896
March .....	8,537	1,600,000	3,339,242	45,553,575	9,580,328	3,355	60,085,037
April .....	8,267	1,060,000	3,259,258	40,251,383	9,024,740	3,221	53,606,869
May .....	8,598	768,548	2,839,878	37,810,036	8,666,983	2,562	50,096,605
June .....	7,358	637,033	2,274,548	33,377,209	7,700,914	2,659	43,999,721
July .....	6,912	488,109	2,262,360	32,732,673	7,661,719	2,991	43,154,764
August .....	6,627	535,824	2,660,350	34,500,138	7,900,774	1,842	45,605,555
September ..	6,843	589,053	2,879,320	36,161,121	8,131,763	2,241	47,770,341
October ....	6,766	1,063,210	2,836,392	42,127,322	8,362,158	2,077	54,397,925
November ...	4,907	1,591,520	3,702,807	48,036,330	8,967,299	3,940	62,306,803
December ...	5,787	2,159,104	4,160,031	61,614,975	10,129,353	9,464	78,078,714
Totals .....	96,318	14,456,319	36,677,095	503,606,347	103,013,847	41,678	657,891,604

TABLE 8. Production of Natural Gas by-Products, in Canada, 1961

Month	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane	Propane butane mix
January .....	327,564	185,026	168,365	222,432	177,049	7,658
February ....	269,973	291,910	143,625	206,707	172,031	6,425
March .....	292,405	315,654	148,802	218,046	166,218	8,094
April .....	259,747	287,897	148,318	208,822	162,313	6,829
May .....	255,463	287,751	153,229	245,898	148,640	6,128
June .....	248,263	247,684	140,003	227,097	151,083	6,976
July .....	255,105	239,065	145,741	229,145	157,783	7,484
August .....	224,382	285,917	148,012	232,046	172,928	7,904
September ...	246,911	262,290	145,348	243,465	174,703	7,043
October .....	290,926	298,924	159,623	252,989	186,271	6,731
November ....	286,826	310,183	178,637	276,000	214,095	6,444
December ....	320,057	556,732	195,298	313,176	274,195	6,941
Totals .....	3,277,622	3,569,033	1,875,001	2,875,823	2,157,309	84,657

CATALOGUE No.

26 - 006

Monthly

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Honourable George Hees, Minister of Trade and Commerce

Vol. 14 - No. 1 January, 1962

Price: \$1.00 per year, 10¢ per copy.

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during January, 1962, amounted to 22,033,620 barrels, compared with 20,605,988 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	January	December	January	Year to date	
	1961	1961	1962	1961	1962
New Brunswick .....	1,066	1,233	805	1,066	805
Ontario .....	90,084	91,041	90,921	90,084	90,921
Manitoba .....	395,022	358,687	343,128	395,022	343,128
Saskatchewan .....	4,258,570	5,301,563	5,004,476	4,258,570	5,004,476
Alberta .....	12,765,213	14,576,691	16,130,028	12,765,213	16,130,028
British Columbia .....	65,501	217,672	425,121	65,501	425,121
Northwest Territories ..	39,156	59,101	39,141	39,156	39,141
Canada .....	17,614,612	20,605,988	22,033,620	17,614,612	22,033,620

TABLE 2. Production (1) of Crude Petroleum, by Months, 1961 and 1962

Month	1961	1962
in barrels		
January .....	17,614,612	22,033,620
February .....	16,481,541	
March .....	16,363,183	
April .....	16,846,177	
May .....	18,863,426	
June .....	17,893,591	
July .....	19,006,296	
August .....	19,645,549	
September .....	19,556,839	
October .....	18,174,318	
November .....	19,809,721	
December .....	20,605,988	
Totals .....	220,861,241	

1 These figures exclude natural gasoline

Note: Crude Petroleum excludes field condensate in 1961 and 1962

Industry and Merchandising Division

6514-506-12





TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	January		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Daly .....	66,512	60,549	66,512	60,549
Virden-Roselea .....	116,121	99,808	116,121	99,808
North Virden Scallion .....	138,354	120,608	138,354	120,608
Other Areas .....	74,035	62,163	74,035	62,163
Total Crude oil .....	395,022	343,128	395,022	343,128

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	January		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Dollard .....	360,530	289,798	360,530	289,798
Midale .....	354,202	426,774	354,202	426,774
Nottingham .....	193,271	252,600	193,271	252,600
Steelman .....	577,164	803,620	577,164	803,620
Weyburn .....	886,165	1,110,200	886,165	1,110,200
Other Areas .....	1,887,238	2,121,484	1,887,238	2,121,484
Total Crude oil .....	4,258,570	5,004,476	4,258,570	5,004,476

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	January		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Bonnie Glen .....	543,667	1,447,702	543,667	1,447,702
Fenn Big Valley .....	452,593	627,131	452,593	627,131
Golden Spike .....	249,016	534,376	249,016	534,376
Joffre .....	511,716	387,186	511,716	387,186
Judy Creek .....	161,030	446,164	161,030	446,164
Leduc-Woodbend .....	1,311,017	1,195,487	1,311,017	1,195,487
Pembina .....	3,594,006	3,298,939	3,594,006	3,298,939
Redwater .....	1,213,135	1,994,209	1,213,135	1,994,209
Swan Hills .....	521,714	1,035,934	521,714	1,035,934
Wizard Lake .....	286,701	551,726	286,701	551,726
Other Areas .....	3,917,990	4,611,174	3,917,990	4,611,174
Total Crude oil .....	12,762,585	16,130,028	12,762,585	16,130,028

TABLE 6. Production (1) of Natural Gas, by months, 1961 and 1962

Month	1961	1962
	M. cu.ft. (14.65 psia, 60°F)	
January .....	62,332,374	85,444,421
February .....	56,456,896	
March .....	60,085,037	
April .....	53,606,869	
May .....	50,096,605	
June .....	43,999,721	
July .....	43,154,764	
August .....	45,605,555	
September .....	47,770,341	
October .....	54,397,925	
November .....	62,306,803	
December .....	78,078,714	
Totals .....	657,891,604	

1 Does not include waste gas burned in the field

TABLE 7. Production of Natural Gas, by Provinces, 1962

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
	M. cu. ft. (14.65 psia, 60°F)						
January ...	6,837	2,450,000	3,982,384	68,289,155	10,710,190	5,855	85,444,421

TABLE 8. Production of Natural Gas by-Products, in Canada, 1962

Month	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane	Propane butane mix
	barrels					
January .....	406,486	547,838	183,475	324,164	270,800	6,840





CATALOGUE No.

26 - 006

Monthly

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Honourable George Hees, Minister of Trade and Commerce

Vol. 14 - No. 2

February, 1962

Price: \$1.00 per year, 10¢ per copy.

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during February, 1962, amounted to 20,284,663 barrels, compared with 22,033,620 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	February	January	February	Year to date	
	1961	1962	1962	1961	1962
New Brunswick .....	793	805	1,081	1,859	1,886
Ontario .....	83,171	90,921	84,167	173,255	175,088
Manitoba .....	356,339	343,128	304,375	751,361	647,503
Saskatchewan .....	3,868,715	5,004,476	4,684,237	8,127,285	9,688,713
Alberta .....	12,035,916	16,130,028	14,592,987	24,801,129	30,723,015
British Columbia .....	87,227	425,121	559,241	152,728	984,362
Northwest Territories ....	49,380	39,141	58,575	88,536	97,716
Canada .....	16,481,541	22,033,620	20,284,663	34,096,153	42,318,283

TABLE 2. Production (1) of Crude Petroleum, by Months, 1961 and 1962

Month	1961	1962
	in barrels	
January .....	17,614,612	22,033,620
February .....	16,481,541	20,284,663
Total two months .....	34,096,153	42,318,283
March .....	16,363,183	
April .....	16,846,177	
May .....	18,863,426	
June .....	17,893,591	
July .....	19,006,296	
August .....	19,645,549	
September .....	19,556,839	
October .....	18,174,318	
November .....	19,809,721	
December .....	20,605,988	
Totals .....	220,861,241	

1 These figures exclude natural gasoline

Note: Crude Petroleum excludes field condensate in 1961 and 1962.

Industry and Merchandising Division

6514-506-22



TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	February		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Daly .....	59,167	53,132	125,679	113,681
Virden-Roselea .....	108,418	88,436	224,539	188,244
North Virden Scallion .....	123,910	107,229	262,264	227,837
Other Areas .....	64,844	55,578	138,879	117,741
Total Crude oil .....	356,339	304,375	751,361	647,503

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	February		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Dollard .....	325,702	353,043	686,232	642,841
Midale .....	318,450	378,111	672,652	804,885
Nottingham .....	190,616	235,394	383,887	487,994
Steelman .....	467,150	673,271	1,044,314	1,476,891
Weyburn .....	873,140	956,406	1,759,305	2,066,606
Other Areas .....	1,693,657	2,088,012	3,580,895	4,209,496
Total Crude oil .....	3,868,715	4,684,237	8,127,285	9,688,713

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	February		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Bonnie Glen .....	514,202	921,147	1,057,869	2,368,849
Fenn Big Valley .....	484,171	606,137	936,764	1,233,268
Golden Spike .....	236,086	490,155	485,102	1,024,531
Joffre .....	414,758	352,120	926,573	739,306
Judy Creek .....	201,400	448,649	362,575	894,813
Leduc-Woodbend .....	1,221,133	1,107,798	2,532,150	2,303,285
Pembina .....	3,265,644	3,026,111	6,859,650	6,325,050
Redwater .....	1,265,856	1,778,054	2,478,991	3,772,263
Swan Hills .....	583,519	984,574	1,106,190	2,020,508
Wizard Lake .....	271,061	537,222	557,762	1,088,948
Other Areas .....	3,578,086	4,341,020	7,497,503	8,952,194
Total Crude oil .....	12,035,916	14,592,987	24,801,129	30,723,015

TABLE 6. Production (1) of Natural Gas, by months, 1961 and 1962

Month	1961	1962
	M. cu.ft. (14.65 psia, 60°F)	
January .....	62,332,374	85,301,464r
February .....	56,456,896	82,855,279
Total two months .....	118,789,270	168,156,743
March .....	60,085,037	
April .....	53,606,869	
May .....	50,096,605	
June .....	43,999,721	
July .....	43,154,764	
August .....	45,605,555	
September .....	47,770,341	
October .....	54,397,925	
November .....	62,306,803	
December .....	78,078,714	
Totals .....	657,891,604	

1 Does not include waste gas burned in the field

r - revised

TABLE 7. Production of Natural Gas, by Provinces, 1962

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
	M. cu.ft. (14.65 psia, 60°F)						
January .	6,837	2,307,043r	3,982,384	68,289,155	10,710,190	5,855	85,301,464r
February	9,427	2,131,796	3,492,512	66,876,023	10,338,216	7,305	82,855,279
Total two months ..	16,264	4,438,839	7,474,896	135,165,178	21,048,406	13,160	168,156,743

r - revised

TABLE 8. Production of Natural Gas by-Products, in Canada, 1962

Month	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane	Propane butane mix
	barrels					
January ...	406,486	547,838	183,475	324,164	270,800	6,840
February ..	357,301	582,841	166,299	302,757	237,705	6,816
Total two months ....	763,787	1,130,679	349,774	626,921	508,505	13,656





CATALOGUE No.

26 - 006

Monthly

## DOMINION BUREAU OF STATISTICS

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OTTAWA - CANADA

JUN 29 1962

Published by Authority of the Honourable George Hees, Minister of Trade and Commerce

Vol. 14 - No. 3

March, 1962

Price: \$1.00 per year, 10¢ per copy.

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during March, 1962, amounted to 21,833,840 barrels, compared with 20,284,663 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	March	February	March	Year to date	
	1961	1962	1962	1961	1962
New Brunswick .....	921	1,081	888	2,780	2,774
Ontario .....	101,259	84,167	94,946	274,514	270,034
Manitoba .....	393,322	304,375	332,420	1,144,683	979,923
Saskatchewan .....	4,533,693	4,684,237	5,188,962	12,660,978	14,877,675
Alberta .....	11,184,052	14,592,987	15,480,003	35,985,181	46,203,018
British Columbia .....	102,639	559,241	684,588	255,367	1,668,950
Northwest Territories ...	47,297	58,575	52,033	135,833	149,749
Canada .....	16,363,183	20,284,663	21,833,840	50,459,336	64,152,123

TABLE 2. Production (1) of Crude Petroleum, by Months, 1961 and 1962

Month	1961	1962
in barrels		
January .....	17,614,612	22,033,620
February .....	16,481,541	20,284,663
March .....	16,363,183	21,833,840
Total three months .....	50,459,336	64,152,123
April .....	16,846,177	
May .....	18,863,426	
June .....	17,893,591	
July .....	19,006,296	
August .....	19,645,549	
September .....	19,556,839	
October .....	18,174,318	
November .....	19,809,721	
December .....	20,605,988	
Totals .....	220,861,241	

1 These figures exclude natural gasoline.

Note: Crude Petroleum excludes field condensate in 1961 and 1962.

Industry and Merchandising Division

6514-506-32

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	March		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Daly .....	67,601	58,460	193,280	172,141
Virden-Roselea .....	117,733	95,820	343,605	284,064
North Virden Scallion .....	135,855	117,484	398,119	345,321
Other Areas .....	72,133	60,656	209,679	178,397
Total Crude oil .....	393,322	332,420	1,144,683	979,923

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	March		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Dollard .....	348,962	402,533	1,035,194	1,045,374
Midale .....	334,847	430,067	1,007,499	1,234,952
Nottingham .....	231,735	243,193	615,622	731,187
Steelman .....	735,644	722,812	1,779,958	2,199,703
Weyburn .....	882,990	1,102,611	2,642,295	3,169,217
Other Areas .....	1,999,515	2,287,746	5,580,410	6,497,242
Total Crude oil .....	4,533,693	5,188,962	12,660,978	14,877,675

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	March		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Bonnie Glen .....	284,805	904,967	1,342,674	3,273,816
Fenn Big Valley .....	400,193	595,971	1,336,957	1,829,239
Golden Spike .....	34,656	502,483	519,758	1,527,014
Joffre .....	508,105	386,678	1,434,678	1,125,984
Judy Creek .....	182,303	516,920	544,878	1,411,733
Leduc-Woodbend .....	1,180,352	1,195,240	3,712,502	3,498,525
Pembina .....	3,579,611	3,311,503	10,439,261	9,636,553
Redwater .....	801,217	1,854,307	3,280,208	5,626,570
Swan Hills .....	520,576	1,052,830	1,626,766	3,073,338
Wizard Lake .....	105,653	536,024	663,415	1,624,972
Other Areas .....	3,586,582	4,623,080	11,084,084	13,575,274
Total Crude oil .....	11,184,052	15,480,003	35,985,181	46,203,018



TABLE 6. Production (1) of Natural Gas, by Months, 1961 and 1962

Month	1961	1962
	M. cu. ft. (14.65 psia, 60°F)	
January .....	62,332,374	85,301,464
February .....	56,456,896	82,855,279
March .....	60,085,037	84,112,491
Total three months .....	178,874,307	252,269,234
April .....	53,606,869	
May .....	50,096,605	
June .....	43,999,721	
July .....	43,154,764	
August .....	45,605,555	
September .....	47,770,341	
October .....	54,397,925	
November .....	62,306,803	
December .....	78,078,714	
Totals .....	657,891,604	

1 Does not include waste gas burned in the field

TABLE 7. Production of Natural Gas, by Provinces, 1962

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
	M. cu.ft. (14.65 psia, 60°F)						
January .	6,837	2,307,043	3,982,384	68,289,155	10,710,190	5,855	85,301,464
February	9,427	2,131,796	3,492,512	66,876,023	10,338,216	7,305	82,855,279
March ...	8,323	1,955,354	3,518,870	67,109,255	11,514,029	6,660	84,112,491
Total 3 months ..	24,587	6,394,193	10,993,766	202,274,433	32,562,435	19,820	252,269,234

TABLE 8. Production of Natural Gas by-Products, in Canada, 1962

Month	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane	Propane butane mix
	barrels					
January ...	406,486	547,838	183,475	324,164	270,800	6,840
February ..	357,301	582,841	166,299	302,757	237,705	6,816
March .....	342,938	738,891	177,971	308,225	193,035	7,408
Total three months ....	1,106,725	1,869,570	527,745	935,146	701,540	21,064



CATALOGUE No.

26 - 006

Monthly

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Honourable George Hees, Minister of Trade and Commerce

Vol. 14 - No. 4

April, 1962

Price: \$1.00 per year, 10¢ per copy.

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during April, 1962, amounted to 18,610,150 barrels, compared with 21,833,840 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	April 1961	March 1962	April 1962	Year to date 1961	Year to date 1962
New Brunswick .....	770	888	817	3,550	3,591
Ontario .....	95,197	94,946	89,652	369,711	359,686
Manitoba .....	366,867	332,420	329,621	1,511,550	1,309,544
Saskatchewan .....	4,248,780	5,188,962	5,165,697	16,909,758	20,043,372
Alberta .....	12,096,340	15,480,003	12,271,202	48,081,521	58,474,220
British Columbia .....	2,748	684,588	700,643	258,115	2,369,593
Northwest Territories ...	35,475	52,033	52,518	171,308	202,267
Canada .....	16,846,177	21,833,840	18,610,150	67,305,513	82,762,273

TABLE 2. Production (1) of Crude Petroleum, by Months, 1961 and 1962

Month	1961	1962
in barrels		
January .....	17,614,612	22,033,620
February .....	16,481,541	20,284,663
March .....	16,363,183	21,833,840
April .....	16,846,177	18,610,150
Total four months .....	67,305,513	82,762,273
May .....	18,863,426	
June .....	17,893,591	
July .....	19,006,296	
August .....	19,645,549	
September .....	19,556,839	
October .....	18,174,318	
November .....	19,809,721	
December .....	20,605,988	
Totals .....	220,861,241	

1 These figures exclude natural gasoline.

Note: Crude Petroleum excludes field condensate in 1961 and 1962.

6514-506-42

Industry and Merchandising Division

ROGER DUHAMEL, F.R.S.C., Queen's Printer and Controller of Stationery, Ottawa, 1962



TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	April		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Daly .....	67,339	55,696	260,619	227,837
Virden-Roselea .....	109,024	97,623	452,629	381,687
North Virden Scallion .....	126,177	114,803	524,296	460,124
Other Areas .....	64,327	61,499	274,006	239,896
Total Crude oil .....	366,867	329,621	1,511,550	1,309,544

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	April		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Dollard .....	355,278	393,881	1,390,472	1,439,255
Midale .....	264,701	416,699	1,272,200	1,651,621
Nottingham .....	230,536	241,143	846,158	972,330
Steelman .....	716,996	744,780	2,496,954	2,944,483
Weyburn .....	698,730	1,111,104	3,341,025	4,280,321
Other Areas .....	1,982,539	2,258,090	7,562,949	8,755,362
Total Crude oil .....	4,248,780	5,165,697	16,909,758	20,043,372

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	April		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Bonnie Glen .....	502,323	544,106	1,844,997	3,817,922
Fenn Big Valley .....	472,085	442,602	1,809,042	2,271,841
Golden Spike .....	205,449	276,701	725,207	1,803,715
Joffre .....	477,818	364,259	1,912,496	1,490,243
Judy Creek .....	201,017	349,197	745,895	1,760,930
Leduc-Woodbend .....	1,199,843	995,787	4,912,345	4,494,312
Pembina .....	3,368,971	3,005,306	13,808,232	12,641,859
Redwater .....	1,129,074	1,181,554	4,409,282	6,808,124
Swan Hills .....	635,122	901,277	2,261,888	3,974,615
Wizard Lake .....	261,402	283,211	924,817	1,908,163
Other Areas .....	3,643,236	3,927,202	14,727,320	17,502,496
Total Crude oil .....	12,096,340	12,271,202	48,081,521	58,474,220

TABLE 6. Production (1) of Natural Gas, by Months, 1961 and 1962

Month	1961	1962
	M. cu.ft. (14.65 psia, 60°F)	
January .....	62,332,374	85,301,464
February .....	56,456,896	82,855,279
March .....	60,085,037	84,112,491
April .....	53,606,869	72,940,186
Total four months .....	232,481,176	325,209,420
May .....	50,096,605	
June .....	43,999,721	
July .....	43,154,764	
August .....	45,605,555	
September .....	47,770,341	
October .....	54,397,925	
November .....	62,306,803	
December .....	78,078,714	
Totals .....	657,891,604	

1 Does not include waste gas burned in the field

TABLE 7. Production of Natural Gas, by Provinces, 1962

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
	M. cu.ft. (14.65 psia, 60°F)						
January .	6,837	2,307,043	3,982,384	68,289,155	10,710,190	5,855	85,301,464
February	9,427	2,131,796	3,492,512	66,876,023	10,338,216	7,305	82,855,279
March ...	8,323	1,955,354	3,518,870	67,109,255	11,514,029	6,660	84,112,491
April ...	8,432	1,228,208	3,143,848	59,052,762	9,500,411	6,525	72,940,186
Total four months ..	33,019	7,622,401	14,137,614	261,327,195	42,062,846	26,345	325,209,420

TABLE 8. Production of Natural Gas by-Products, in Canada, 1962

	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane	Propane butane mix
	barrels					
January ...	406,486	547,838	183,475	333,515 <sup>(r)</sup>	270,800	6,840
February ..	357,301	582,841	166,299	302,757	237,705	6,816
March .....	342,938	738,891	177,971	308,225	193,035	7,408
April .....	377,610	707,576	148,742	259,932	167,435	7,049
Total four months ....	1,484,335	2,577,146	676,487	1,204,429	868,975	28,113

r - revised





## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Honourable George Hees, Minister of Trade and Commerce

Vol. 14 - No. 5

May, 1962

Price: \$1.00 per year, 10¢ per copy.

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

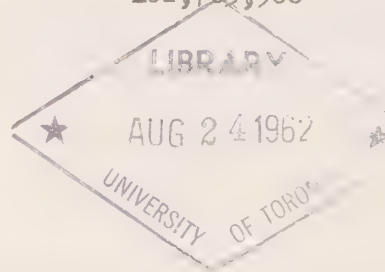
Output of crude petroleum in Canada during May, 1962, amounted to 20,023,633 barrels, compared with 18,610,150 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	May 1961	April 1962	May 1962	Year to date	
				1961	1962
New Brunswick .....	931	817	923	4,481	4,514
Ontario .....	102,653	89,652	95,014	472,364	454,700
Manitoba .....	377,877	329,621	339,098	1,889,427	1,648,642
Saskatchewan .....	4,574,714	5,165,697	5,241,577	21,484,472	25,284,949
Alberta .....	13,738,058	12,271,202	13,573,784	61,819,579	72,048,004
British Columbia .....	40,028	700,643	748,722	298,143	3,118,315
Northwest Territories ...	29,165	52,518	24,515	200,473	226,782
Canada .....	18,863,426	18,610,150	20,023,633	86,168,939	102,785,906

TABLE 2. Production (1) of Crude Petroleum, by Months, 1961 and 1962

Month	1961	1962
	in barrels	
January .....	17,614,612	22,033,620
February .....	16,481,541	20,284,663
March .....	16,363,183	21,833,840
April .....	16,846,177	18,610,150
May .....	18,863,426	20,023,633
Total five months .....	86,168,939	102,785,906
June .....	17,893,591	
July .....	19,006,296	
August .....	19,645,549	
September .....	19,556,839	
October .....	18,174,318	
November .....	19,809,721	
December .....	20,605,988	
Totals .....	220,861,241	



1 These figures exclude natural gasoline.

Note: Crude Petroleum excludes field condensate in 1961 and 1962.

Industry and Merchandising Division

6514-506-52

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	May		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Daly .....	68,478	60,595	329,097	288,432
Virden-Roselea .....	110,464	99,103	563,093	480,424
North Virden Scallion .....	131,147	117,349	655,443	577,473
Other Areas .....	67,788	62,051	341,794	301,947
Total Crude oil .....	377,877	339,098	1,889,427	1,648,276

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	May		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Dollard .....	346,116	342,193	1,736,588	1,781,448
Midale .....	328,667	494,929	1,600,867	2,146,550
Nottingham .....	230,200	243,368	1,076,358	1,215,698
Steelman .....	678,107	738,665	3,175,061	3,683,148
Weyburn .....	905,958	1,125,125	4,246,983	5,405,446
Other Areas .....	2,085,666	2,297,297	9,648,615	11,052,659
Total Crude oil .....	4,574,714	5,241,577	21,484,472	25,284,949

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	May		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Bonnie Glen .....	636,495	638,736	2,481,492	4,456,658
Penn Big Valley .....	569,285	516,990	2,378,327	2,788,831
Golden Spike .....	278,875	311,239	1,004,082	2,114,954
Joffre .....	491,061	314,803	2,403,557	1,805,046
Judy Creek .....	242,495	470,134	988,390	2,231,064
Leduc-Woodbend .....	1,269,877	1,074,448	6,182,222	5,568,760
Pembina .....	3,601,300	3,161,487	17,409,532	15,803,346
Redwater .....	1,447,141	1,441,803	5,856,423	8,249,927
Swan Hills .....	711,079	992,225	2,972,967	4,966,840
Wizard Lake .....	304,359	364,083	1,229,176	2,272,266
Other Areas .....	4,186,091	4,287,936	18,913,411	21,790,312
Total Crude oil .....	13,738,058	13,573,784	61,819,579	72,048,004

TABLE 6. Production (1) of Natural Gas, by Months, 1961 and 1962

Month	1961	1962
	M. cu. ft. (14.65 psia, 60°F)	
January .....	62,332,374	85,301,464
February .....	56,456,896	82,855,279
March .....	60,085,037	84,112,491
April .....	53,606,869	72,940,186
May .....	50,096,605	72,754,240
Total five months .....	282,577,781	397,963,660
June .....	43,999,721	
July .....	43,154,764	
August .....	45,605,555	
September .....	47,770,341	
October .....	54,397,925	
November .....	62,306,803	
December .....	78,078,714	
Totals .....	657,891,604	

1 Does not include waste gas burned in the field

TABLE 7. Production of Natural Gas, by Provinces, 1962

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
	M. cu.ft. (14.65 psia, 60°F)						
January .	6,837	2,307,043	3,982,384	68,289,155	10,710,190	5,855	85,301,464
February	9,427	2,131,796	3,492,512	66,876,023	10,338,216	7,305	82,855,279
March ...	8,323	1,955,354	3,518,870	67,109,255	11,514,029	6,660	84,112,491
April ...	8,432	1,228,208	3,143,848	59,052,762	9,500,411	6,525	72,940,186
May .....	8,218	753,226	2,872,926	59,233,196	9,880,838	5,836	72,754,240
Total five months ..	41,237	8,375,627	17,010,540	320,560,391	51,943,684	32,181	397,963,660



TABLE 8. Production of Natural Gas by-Products, in Canada, 1962

	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane	Propane butane mix
	barrels					
January ...	406,486	547,838	183,475	333,515	270,800	6,840
February ..	357,301	582,841	166,299	302,757	237,705	6,816
March .....	342,938	738,891	177,971	308,225	193,035	7,408
April .....	377,610	707,576	148,742	259,932	167,435	7,049
May .....	629,496	754,019	146,859	271,342	172,647	6,866
Total five months ....	2,113,831	3,331,165	823,346	1,475,771	1,041,622	34,979

CATALOGUE No.

26 - 006

Monthly

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Honourable George Hees, Minister of Trade and Commerce

Vol. 14 - No. 6

June, 1962

Price: \$1.00 per year, 10¢ per copy.

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during June, 1962, amounted to 18,142,380 barrels, compared with 20,023,633 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	June	May	June	Year to date	
	1961	1962	1962	1961	1962
New Brunswick .....	1,178	923	809	5,659	5,323
Ontario .....	96,348	95,014	90,675	568,712	545,375
Manitoba .....	379,243	339,098	334,849	2,268,670	1,983,491
Saskatchewan .....	4,501,156	5,241,577	5,308,748	25,985,628	30,593,697
Alberta .....	12,860,396	13,573,784	11,745,375	74,679,975	83,793,379
British Columbia .....	25,562	748,722	621,433	323,705	3,739,748
Northwest Territories ...	29,708	24,515	40,491	230,181	265,262
Canada .....	17,893,591	20,023,633	18,142,380	104,062,530	120,926,275

TABLE 2. Production (1) of Crude Petroleum, by Months, 1961 and 1962

Month	1961	1962
	in barrels	
January .....	17,614,612	22,033,620
February .....	16,481,541	20,284,663
March .....	16,363,183	21,831,829 <sup>r</sup>
April .....	16,846,177	18,610,150
May .....	18,863,426	20,023,633
June .....	17,893,591	18,142,380
Total six months .....	104,062,530	120,926,275
July .....	19,006,296	
August .....	19,645,549	
September .....	19,556,839	
October .....	18,174,318	
November .....	19,809,721	
December .....	20,605,988	
Totals .....	220,861,241	

1 These figures exclude natural gasoline

Note: Crude Petroleum excludes field condensate in 1961 and 1962.

September, 1962

Industry and Merchandising Division

6514-506

ROGER DUHAMEL, F.R.S.C., Queen's Printer and Controller of Stationery, Ottawa, 1962

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	June		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Daly .....	65,909	60,081	395,006	348,513
Viriden-Roselea .....	110,921	96,773	674,014	577,197
North Viriden Scallion ....	130,995	113,353	786,438	690,879
Other Areas .....	71,418	64,642	413,212	366,589
Total Crude oil .....	379,243	334,849	2,268,670	1,983,178

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	June		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Dollard .....	316,830	399,455	2,053,418	2,180,903
Midale .....	368,586	432,035	1,969,453	2,578,585
Nottingham .....	221,588	259,206	1,297,946	1,474,904
Steelman .....	622,403	691,543	3,797,464	4,374,691
Weyburn .....	948,917	1,053,044	5,195,900	6,458,490
Other Areas .....	2,022,832	2,473,465	11,671,447	47,661,270
Total Crude oil .....	4,501,156	5,308,748	25,985,628	30,593,697

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	June		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Bonnie Glen .....	562,489	424,827	3,043,981	4,881,485
Fenn Big Valley .....	503,062	380,611	2,881,389	3,169,442
Golden Spike .....	207,020	195,448	1,211,102	2,310,402
Joffre .....	462,432	359,969	2,865,989	2,165,015
Judy Creek .....	224,968	423,962	1,213,358	2,655,026
Leduc-Woodbend .....	1,233,413	893,457	7,415,635	6,462,217
Pembina .....	3,468,185	2,967,617	20,877,717	18,770,963
Redwater .....	1,205,501	1,090,087	7,061,924	9,340,014
Swan Hills .....	649,254	891,205	3,622,221	5,858,045
Wizard Lake .....	281,358	226,817	1,510,534	2,499,083
Other Areas .....	4,062,714	3,891,375	22,976,125	25,681,687
Total Crude oil .....	12,860,396	11,745,375	74,679,975	83,793,379



TABLE 6. Production (1) of Natural Gas, by Months, 1961 and 1962

Month	1961	1962
	M. cu. ft. (14.65 psia, 60°F)	
January .....	62,332,374	85,301,464
February .....	56,456,896	82,855,279
March .....	60,085,037	84,112,491
April .....	53,606,869	72,940,186
May .....	50,096,605	72,754,240
June .....	43,999,721	68,064,681
Total six months .....	326,577,502	466,028,341
July .....	43,154,764	
August .....	45,605,555	
September .....	47,770,341	
October .....	54,397,925	
November .....	62,306,803	
December .....	78,078,714	
Totals .....	657,891,604	

1 Does not include waste gas burned in the field

TABLE 7. Production of Natural Gas, by Provinces, 1962

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
	M. cu. ft. (14.65 psia, 60°F)						
January .	6,837	2,307,043	3,982,384	68,289,155	10,710,190	5,855	85,301,464
February	9,427	2,131,796	3,492,512	66,876,023	10,338,216	7,305	82,855,279
March ...	8,323	1,955,354	3,518,870	67,109,255	11,514,029	6,660	84,112,491
April ...	8,432	1,228,208	3,143,848	59,052,762	9,500,411	6,525	72,940,186
May .....	8,218	753,226	2,872,926	59,233,196	9,880,838	5,836	72,754,240
June .....	7,188	576,847	2,678,785	56,677,049	8,122,437	2,375	68,064,681
Total six months	48,425	8,952,474	19,689,325	377,237,440	60,066,121	34,556	466,028,341

TABLE 8. Production of Natural Gas by-Products, in Canada, 1962

	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane	Propane butane mix
	barrels					
January ...	406,486	547,838	183,475	333,515	270,800	6,840
February ..	357,301	582,841	166,299	302,757	237,705	6,816
March .....	342,938	738,891	177,971	308,225	193,035	7,408
April .....	377,610	707,576	148,742	259,932	167,435	7,049
May .....	629,496	754,019	146,859	271,342	172,647	6,866
June .....	651,507	665,624	145,967	254,744	166,104	6,418
Total six months ....	2,765,338	3,996,789	969,313	1,730,515	1,207,726	41,397

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Honourable George Hees, Minister of Trade and Commerce

Vol. 14 - No. 7

July 1962

Price: \$1.00 per year, 10¢ per copy

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during July 1962, amounted to 20,058,754 barrels, compared with 18,142,357 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	July	June	July	Year to date	
	1961	1962	1962	1961	1962
New Brunswick .....	1,096	809	849	6,755	6,172
Ontario .....	100,838	90,652	90,675	669,550	636,027
Manitoba .....	386,396	334,849	343,699	2,655,066	2,327,190
Saskatchewan .....	4,701,168	5,308,748	5,511,038	30,686,796	36,174,735
Alberta .....	13,723,362	11,745,375	13,641,638	88,403,337	97,435,017
British Columbia .....	50,800	621,433	359,407	374,505	4,099,155
Northwest Territories ....	42,636	40,491	41,448	272,817	306,710
Canada .....	19,006,296	18,142,357	20,058,754	123,068,826	140,985,006

TABLE 2. Production (1) of Crude Petroleum, by Months, 1961 and 1962

Month	1961	1962
	in barrels	
January .....	17,614,612	22,033,620
February .....	16,481,541	20,284,663
March .....	16,363,183	21,831,829
April .....	16,846,177	18,610,150
May .....	18,863,426	20,023,633
June .....	17,893,591	18,142,357 <sup>r</sup>
July .....	19,006,296	20,058,754
Total seven months .....	123,068,826	140,985,006
August .....	19,645,549	
September .....	19,556,839	
October .....	18,174,318	
November .....	19,809,721	
December .....	20,605,988	
Totals .....	220,861,241	

1 These figures exclude natural gasoline      r revised

Note: Crude Petroleum excludes field condensate in 1961 and 1962.

October 1962

6514-506

Industry and Merchandising Division

ROGER DUHAMEL, F.R.S.C., Queen's Printer and Controller of Stationery, Ottawa, 1962



TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	July		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Daly .....	66,930	59,602	461,936	408,115
Virden-Roselea .....	115,383	100,978	789,397	678,175
North Virden Scallion ...	132,917	118,498	919,355	809,377
Other Areas .....	71,166	64,621	484,378	431,380
Total Crude oil .....	386,396	343,699	2,655,066	2,327,047

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	July		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Dollard .....	349,008	409,765	2,402,426	2,590,668
Midale .....	319,480	465,810	2,288,933	3,044,425
Nottingham .....	225,250	253,996	1,523,196	1,731,250
Steelman .....	817,521	703,471	4,614,985	5,078,162
Weyburn .....	893,464	1,108,062	6,089,364	7,566,552
Other Areas .....	2,096,445	2,639,934	13,767,892	16,163,678
Total Crude oil .....	4,701,168	5,581,038	30,686,796	36,174,735

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	July		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Bonnie Glen .....	603,355	683,653	3,647,336	5,565,138
Fenn Big Valley .....	543,392	471,696	3,424,781	3,641,138
Golden Spike .....	268,670	335,654	1,479,772	2,646,056
Joffre .....	480,725	416,063	3,346,714	2,581,078
Judy Creek .....	274,016	449,435	1,487,374	3,104,461
Leduc-Woodbend .....	1,280,089	1,027,983	8,695,724	7,490,200
Pembina .....	3,666,142	3,212,767	24,543,859	21,983,730
Redwater .....	1,391,218	1,411,020	8,453,142	10,751,034
Swan Hills .....	742,050	900,993	4,364,271	6,759,038
Wizard Lake .....	307,417	406,947	1,817,951	2,906,030
Other Areas .....	4,166,288	4,325,427	27,142,413	30,007,114
Total Crude oil .....	13,723,362	13,641,638	88,403,337	97,435,017

TABLE 6. Production (1) of Natural Gas, by Months, 1961 and 1962

Month	1961	1962
	M cu.ft. (14.65 psia, 60°F)	
January .....	62,332,374	85,301,464
February .....	56,456,896	82,855,279
March .....	60,085,037	84,112,491
April .....	53,606,869	72,940,186
May .....	50,096,605	72,754,240
June .....	43,999,721	68,064,681
July .....	43,154,764	69,354,420
Total seven months .....	369,732,266	535,382,761
August .....	45,605,555	
September .....	47,770,341	
October .....	54,397,925	
November .....	62,306,803	
December .....	78,078,714	
Totals .....	657,891,604	

1 Does not include waste gas burned in the field

TABLE 7. Production of Natural Gas, by Provinces, 1962

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
	M. cu.ft. (14.65 psia, 60°F)						
January .	6,837	2,307,043	3,982,384	68,289,155	10,710,190	5,855	85,301,464
February	9,427	2,131,796	3,492,512	66,876,023	10,338,216	7,305	82,855,279
March ...	8,323	1,955,354	3,518,870	67,109,255	11,514,029	6,660	84,112,491
April ...	8,432	1,228,208	3,143,848	59,052,762	9,500,411	6,525	72,940,186
May .....	8,218	753,226	2,872,926	59,233,196	9,880,838	5,836	72,754,240
June ....	7,188	576,847	2,678,785	56,677,049	8,122,437	2,375	68,064,681
July ....	7,409	437,138	2,651,654	57,861,957	8,392,572	3,690	69,354,420
Total seven months ..	55,834	9,389,612	22,340,979	435,099,397	68,458,693	38,246	535,382,761

TABLE 8. Production of Natural Gas by-Products, in Canada, 1962

	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane	Propane butane mix
	barrels					
January ....	406,486	547,838	183,475	333,515	270,800	6,840
February ...	357,301	582,841	166,299	302,757	237,705	6,816
March .....	342,938	738,891	177,971	308,225	193,035	7,408
April .....	377,610	707,576	148,742	259,932	167,435	7,049
May .....	629,496	754,019	146,859	271,342	172,647	6,866
June .....	651,507	665,624	145,967	254,744	166,104	6,418
July .....	625,278	721,179	159,284	292,958	199,577	6,899
Total seven months .....	3,740,616	4,717,968	1,128,597	2,023,473	1,407,303	48,296



CATALOGUE No.

26 - 006

Monthly

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Honourable George Hees, Minister of Trade and Commerce

Vol. 14 - No. 8

August 1962

Price: \$1.00 per year, 10¢ per copy

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during August 1962, amounted to 20,873,289 barrels, compared with 20,058,754 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	August	July	August	Year to date	
	1961	1962	1962	1961	1962
New Brunswick .....	958	849	862	7,713	7,034
Ontario .....	99,515	90,675	98,410	769,065	734,437
Manitoba .....	385,241	343,699	336,576	3,040,307	2,663,766
Saskatchewan .....	4,961,145	5,581,038	5,686,514	35,647,941	41,861,249
Alberta .....	14,090,880	13,641,638	13,846,355	102,494,217	111,281,372
British Columbia .....	51,926	359,407	841,793	426,431	4,940,948
Northwest Territories ....	55,884	41,448	62,779	328,701	369,489
Canada .....	19,645,549	20,058,754	20,873,289	142,714,375	161,858,295

TABLE 2. Production (1) of Crude Petroleum, by Months, 1961 and 1962

Month	1961	1962
	in barrels	
January .....	17,614,612	22,033,620
February .....	16,481,541	20,284,663
March .....	16,363,183	21,831,829
April .....	16,846,177	18,610,150
May .....	18,863,426	20,023,633
June .....	17,893,591	18,142,357
July .....	19,006,296	20,058,754
August .....	19,645,549	20,873,289
Total eight months .....	142,714,375	161,858,295
September .....	19,556,839	
October .....	18,174,318	
November .....	19,809,721	
December .....	20,605,988	
Totals .....	220,861,241	

1 These figures exclude natural gasoline

Note: Crude Petroleum excludes field condensate in 1961 and 1962.

November 1962

6514-506

Industry and Merchandising Division

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	August		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Daly .....	66,203	58,418	528,139	466,533
Virden-Roselea .....	114,300	98,088	903,697	776,263
North Virden Scallion ...	131,712	115,296	1,051,067	924,673
Other Areas .....	73,026	64,774	557,404	496,326
Total Crude oil .....	385,241	336,576	3,040,307	2,663,795

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	August		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Dollard .....	354,732	435,352	2,757,158	3,026,020
Midale .....	420,009	523,018	2,708,942	3,567,413
Nottingham .....	225,322	240,545	1,748,518	1,969,445
Steelman .....	707,400	694,037	5,322,385	5,772,199
Weyburn .....	1,112,288	1,146,402	7,201,652	8,712,954
Other Areas .....	2,141,394	2,647,160	15,909,286	18,813,218
Total Crude oil .....	4,961,145	5,686,514	35,647,941	41,861,249

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	August		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Bonnie Glen .....	646,727	681,899	4,294,063	6,247,037
Fenn Big Valley .....	541,480	483,979	3,966,261	4,125,117
Golden Spike .....	291,500	324,417	1,771,272	2,970,473
Joffre .....	476,996	358,489	3,823,710	2,939,567
Judy Creek .....	310,570	496,953	1,797,944	3,601,414
Leduc-Woodbend .....	1,336,498	1,051,812	10,032,222	8,542,012
Pembina .....	3,675,688	3,264,997	28,219,547	25,248,727
Redwater .....	1,439,227	1,506,063	9,892,369	12,257,097
Swan Hills .....	754,998	962,310	5,119,269	7,721,348
Wizard Lake .....	327,316	373,524	2,145,267	3,279,554
Other Areas .....	4,289,880	4,341,912	31,432,293	34,349,026
Total Crude oil .....	14,090,880	13,846,355	102,494,217	111,281,372

TABLE 6. Production (1) of Natural Gas, by Months, 1961 and 1962

Month	1961	1962
	M.cu.ft. (14.65 psia, 60°F)	
January .....	62,332,374	85,301,464
February .....	56,456,896	82,855,279
March .....	60,085,037	84,112,491
April .....	53,606,869	72,940,186
May .....	50,096,605	72,756,099 r
June .....	43,999,721	68,064,681
July .....	43,154,764	69,354,420
August .....	45,605,555	71,954,102
Total eight months .....	415,337,821	607,338,722
September .....	47,770,341	
October .....	54,397,925	
November .....	62,306,803	
December .....	78,078,714	
Totals .....	657,891,604	

1 Does not include waste gas burned in the field

r - revised

TABLE 7. Production of Natural Gas, by Provinces, 1962

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North west Territories	CANADA
	M.cu.ft. (14.65 psia, 60°F)						
January .	6,837	2,307,043	3,982,384	68,289,155	10,710,190	5,855	85,301,464
February	9,427	2,131,796	3,492,512	66,876,023	10,338,216	7,305	82,855,279
March ...	8,323	1,955,354	3,518,870	67,109,255	11,514,029	6,660	84,112,491
April ...	8,432	1,228,208	3,143,848	59,052,762	9,500,411	6,525	72,940,186
May .....	8,218	753,226	2,872,926	59,233,196	9,880,838	5,836	72,756,099r
June ....	7,188	576,847	2,678,785	56,677,049	8,122,437	2,375	68,064,681
July ....	7,409	437,138	2,651,654	57,861,957	8,392,572	3,690	69,354,420
August ..	6,650	555,766	2,822,649	59,504,138	9,029,075	5,824	71,954,102
Total eight months ..	62,484	9,975,378	25,163,628	494,603,535	77,487,768	44,070	607,338,722

r - revised



TABLE 8. Production of Natural Gas by-Products, in Canada, 1962

	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane	Propane butane mix
	barrels					
January ....	406,486	547,838	183,475	333,515	270,800	6,840
February ...	357,301	582,841	166,299	302,757	237,705	6,816
March .....	342,938	738,891	177,971	308,225	193,035	7,408
April .....	377,610	707,576	148,742	259,932	167,435	7,049
May .....	629,496	754,019	146,859	271,342	172,647	6,866
June .....	651,507	665,624	145,967	254,744	166,104	6,418
July .....	625,278	721,179	159,284	292,958	199,577	6,899
August .....	612,942	774,375	166,907	281,020	217,828	7,559
Total eight months .....	4,003,558	5,492,343	1,295,504	2,304,493	1,625,131	55,855

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Honourable George Hees, Minister of Trade and Commerce

Vol. 14 - No. 9

September 1962

Price: \$1.00 per year, 10¢ per copy

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during September 1962, amounted to 20,669,937 barrels, compared with 20,873,289 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	September 1961	August 1962	September 1962	Year to date	
				1961	1962
New Brunswick .....	1,080	862	586	8,793	7,620
Ontario .....	98,008	98,410	94,121	867,073	828,558
Manitoba .....	357,730	336,576	322,349	3,398,037	2,986,115
Saskatchewan .....	5,078,710	5,686,514	5,519,027	40,726,651	47,380,276
Alberta .....	13,868,594	13,846,355	13,784,106	116,362,811	125,065,478
British Columbia.....	89,184	841,793	884,640	515,615	5,825,588
Northwest Territories ...	63,533	62,779	65,108	392,234	434,597
Canada .....	19,556,839	20,873,289	20,669,937	162,271,214	182,528,232

TABLE 2. Production (1) of Crude Petroleum, by Months, 1961 and 1962

Month	1961	1962
	in barrels	
January .....	17,614,612	22,033,620
February .....	16,481,541	20,284,663
March .....	16,363,183	21,831,829
April .....	16,846,177	18,610,150
May .....	18,863,426	20,023,633
June .....	17,893,591	18,142,357
July .....	19,006,296	20,058,754
August .....	19,645,549	20,873,289
September .....	19,556,839	20,669,937
Total nine months .....	162,271,214	182,528,232
October .....	18,174,318	
November .....	19,809,721	
December .....	20,605,988	
Totals .....	220,861,241	

These figures exclude natural gasoline

Note: Crude Petroleum excludes field condensate in 1961 and 1962.

Industry and Merchandising Division

December 1962

514-506

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	September		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Daly .....	64,675	56,847	592,814	523,380
Virden-Roselea .....	107,987	95,441	1,011,684	875,164
North Virden Scallion ..	119,792	108,440	1,170,859	1,033,113
Other Areas .....	65,276	61,621	622,680	554,487
Total Crude oil .....	357,730	322,349	3,398,037	2,986,144

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	September		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Dollard .....	361,179	408,376	3,118,337	3,434,396
Midale .....	476,982	516,876	3,185,924	4,084,319
Nottingham .....	248,249	248,264	1,996,767	2,220,059
Steelman .....	769,642	687,874	6,092,027	6,460,073
Weyburn .....	1,112,128	1,085,132	8,313,780	9,798,086
Other Areas .....	2,110,530	2,572,505	18,019,816	21,383,343
Total Crude oil .....	5,078,710	5,519,027	40,726,651	47,380,276

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	September		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Bonnie Glen .....	609,403	675,406	4,903,466	6,922,443
Fenn Big Valley .....	532,883	524,038	4,499,144	4,649,155
Golden Spike .....	279,715	382,199	2,050,987	3,352,672
Joffre .....	463,286	344,317	4,286,996	3,283,884
Judy Creek .....	323,897	451,236	2,121,841	4,052,650
Leduc-Woodbend .....	1,245,223	1,043,662	11,277,445	9,585,674
Pembina .....	3,579,554	3,222,103	31,799,101	28,470,830
Redwater .....	1,383,986	1,508,648	11,276,355	13,765,745
Swan Hills .....	805,259	877,950	5,924,528	8,599,298
Wizard Lake .....	398,935	341,148	2,544,202	3,620,702
Other Areas .....	4,246,453	4,413,399	35,678,746	38,762,425
Total Crude oil .....	13,868,594	13,784,106	116,362,811	125,065,478



TABLE 6. Production (1) of Natural Gas, by Months, 1961 and 1962

Month	1961	1962
	M.cu.ft. (14.65 psia, 60°F)	
January .....	62,332,374	85,301,464
February .....	56,456,896	82,855,279
March .....	60,085,037	84,112,491
April .....	53,606,869	72,940,186
May .....	50,096,605	72,756,099
June .....	43,999,721	68,064,681
July .....	43,154,764	69,354,420
August .....	45,605,555	71,954,102
September .....	47,770,341	74,463,449
Total nine months .....	463,108,162	681,802,171
October .....	54,397,925	
November .....	62,306,803	
December .....	78,078,714	
Totals .....	657,891,604	

Does not include waste gas burned in the field

TABLE 7. Production of Natural Gas, by Provinces, 1962

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	CANADA
	M.cu.ft. (14.65 psia, 60°F)						
January ..	6,837	2,307,043	3,982,384	68,289,155	10,710,190	5,855	85,301,464
February ..	9,427	2,131,796	3,492,512	66,876,023	10,338,216	7,305	82,855,279
March ....	8,323	1,955,354	3,518,870	67,109,255	11,514,029	6,660	84,112,491
April ....	8,432	1,228,208	3,143,848	59,052,762	9,500,411	6,525	72,940,186
May .....	8,218	755,085r	2,872,926	59,233,196	9,880,838	5,836	72,756,099
June .....	7,188	576,847	2,678,785	56,677,049	8,122,437	2,375	68,064,681
July .....	7,409	437,138	2,651,654	57,861,957	8,392,572	3,690	69,354,420
August ...	6,650	585,766	2,822,649	59,504,138	9,029,075	5,824	71,954,102
September	7,101	806,438	2,715,145	61,495,630	9,436,797	2,338	74,463,449
Total nine months ...	69,585	10,783,675	27,878,773	556,099,165	86,924,565	46,408	681,802,171

- revised

TABLE 8. Production of Natural Gas by-Products, in Canada, 1962

	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane	Propane butane mix
	barrels					
January ....	406,486	547,838	183,475	333,515	270,800	6,840
February ...	357,301	582,841	166,299	302,757	237,705	6,816
March .....	342,938	738,891	177,971	308,225	193,035	7,408
April .....	377,610	707,576	148,742	259,932	167,435	7,049
May .....	629,496	754,019	146,859	271,342	172,647	6,866
June .....	651,507	665,624	145,967	254,744	166,104	6,418
July .....	625,278	721,179	159,284	292,958	199,577	6,899
August .....	612,942	774,375	166,907	281,020	217, 828	7,559
September ..	698,511	717,382	166,199	306,983	240,926	6,497
Total nine months .....	4,702,069	6,209,725	1,461,703	2,611,476	1,866,057	62,352

CATALOGUE No.

26 - 006

Monthly

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Honourable George Hees, Minister of Trade and Commerce

Vol. 14 - No. 10 October 1962

Price: \$1.00 per year, 10¢ per copy

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during October 1962, amounted to 20,600,825 barrels, compared with 20,669,937 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	October 1961	September 1962	October 1962	Year to date	
				1961	1962
New Brunswick .....	1,049	586	868	9,842	8,488
Ontario .....	96,173	94,121	108,929	963,246	937,487
Manitoba .....	366,679	322,349	320,875	3,764,716	3,306,990
Saskatchewan .....	4,716,010	5,519,027	5,688,179	45,442,661	53,068,455
Alberta .....	12,803,834	13,784,106	13,413,678	129,166,645	138,479,156
British Columbia .....	144,092	884,640	1,013,872	659,707	6,839,460
Northwest Territories ...	46,481	65,108	54,424	438,715	489,021
Canada .....	18,174,318	20,669,937	20,600,825	180,445,532	203,129,057

TABLE 2. Production (1) of Crude Petroleum, by Months, 1961 and 1962

Month	1961	1962
	in barrels	
January .....	17,614,612	22,033,620
February .....	16,481,541	20,284,663
March .....	16,363,183	21,831,829
April .....	16,846,177	18,610,150
May .....	18,863,426	20,023,633
June .....	17,893,591	18,142,357
July .....	19,006,296	20,058,754
August .....	19,645,549	20,873,289
September .....	19,556,839	20,669,937
October .....	18,174,318	20,600,825
Total ten months	180,445,532	203,129,057
November .....	19,809,721	
December .....	20,605,988	
Totals .....	220,861,241	

These figures exclude natural gasoline

Note: Crude Petroleum excludes field condensate in 1961 and 1962.

Industry and Merchandising Division

January 1963  
514-506



TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	October		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Daly .....	64,632	58,094	657,446	581,474
Virden-Roselea .....	110,351	95,106	1,122,035	970,270
North Virden Scallion ..	123,415	106,266	1,294,274	1,139,379
Other Areas .....	67,281	61,409	690,961	615,893
Total Crude oil .....	366,679	320,875	3,764,716	3,307,016

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	October		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Dollard .....	295,903	403,995	3,414,240	3,838,391
Midale .....	489,809	562,955	3,744,639	4,647,274
Nottingham .....	221,492	246,917	2,218,259	2,466,976
Steelman .....	648,302	733,153	6,744,969	7,193,226
Weyburn .....	1,188,592	1,116,244	9,540,334	10,914,330
Other Areas .....	1,903,330	2,624,915	19,976,638	24,008,258
Total Crude oil .....	4,747,428	5,688,179	45,639,079	53,068,455

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	October		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Bonnie Glen .....	441,486	603,679	5,344,952	7,526,122
Fenn Big Valley .....	467,491	459,109	4,966,635	5,108,264
Golden Spike .....	134,750	252,521	2,185,737	3,605,193
Joffre .....	475,937	357,537	4,762,933	3,641,421
Judy Creek .....	301,599	474,903	2,423,440	4,527,553
Leduc-Woodbend .....	1,238,608	1,037,201	12,516,053	10,622,875
Pembina .....	3,620,418	3,248,566	35,419,519	31,719,396
Redwater .....	1,058,637	1,292,832	12,334,992	15,058,577
Swan Hills .....	729,590	957,857	6,654,118	9,557,155
Wizard Lake .....	184,071	314,962	2,728,273	3,935,664
Other Areas .....	4,151,247	4,414,511	39,829,993	43,176,936
Total Crude oil .....	12,803,834	13,413,678	129,166,645	138,479,156

TABLE 6. Production (1) of Natural Gas, by Months, 1961 and 1962

Month	1961	1962 r
M.cu.ft. (14.65 psia, 60°F)		
January .....	62,332,374	85,314,153
February .....	56,456,896	82,863,607
March .....	60,085,037	84,123,245
April .....	53,606,869	72,764,071
May .....	50,096,605	72,755,363
June .....	43,999,721	68,067,854
July .....	43,154,764	69,356,824
August .....	45,605,555	71,955,854
September .....	47,770,341	74,457,263
October .....	54,397,925	81,379,764
Total ten months .....	517,506,087	763,037,998
November .....	62,306,803	
December .....	78,078,714	
Totals .....	657,891,604	

1 Does not include waste gas burned in the field

r-revised

TABLE 7. Production of Natural Gas, by Provinces, 1962

Month	New Brunswick	Ontario <sub>r</sub>	Saskatchewan	Alberta	British Columbia	North west Territories	CANADA <sub>r</sub>
M.cu.ft. (14.65 psia, 60°F)							
January ..	6,837	2,319,732	3,982,384	68,289,155	10,710,190	5,855	85,314,153
February .	9,427	2,140,124	3,492,512	66,876,023	10,338,216	7,305	82,863,607
March ....	8,323	1,966,108	3,518,870	67,109,255	11,514,029	6,660	84,123,245
April ....	8,432	1,052,093	3,143,848	59,052,762	9,500,411	6,525	72,764,071
May .....	8,218	754,349	2,872,926	59,233,196	9,880,838	5,836	72,755,363
June .....	7,188	580,020	2,678,785	56,677,049	8,122,437	2,375	68,067,854
July .....	7,409	439,542	2,651,654	57,861,957	8,392,572	3,690	69,356,824
August ...	6,650	587,518	2,822,649	59,504,138	9,029,075	5,824	71,955,854
September	7,101	800,252	2,715,145	61,495,630	9,436,797	2,338	74,457,263
October ..	7,849	1,180,053	1,976,293	66,954,545	11,258,931	2,093	81,379,764
Total ten months ...	77,434	11,819,791	29,855,066	623,053,710	98,183,496	48,501	763,037,998

r - revised

TABLE 8. Production of Natural Gas by-Products, in Canada, 1962

	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane	Propane butane mix
	barrels					
January .....	406,486	547,838	183,475	333,515	270,800	6,840
February ....	357,301	582,841	166,299	302,757	237,705	6,816
March .....	342,938	738,891	177,971	308,225	193,035	7,408
April .....	377,610	707,576	148,742	259,932	167,435	7,049
May .....	629,496	754,019	146,859	271,342	172,647	6,866
June .....	651,507	665,624	145,967	254,744	166,104	6,418
July .... ...	625,278	721,179	159,284	292,958	199,577	6,899
August .....	612,942	774,375	166,907	281,020	217,828	7,559
September ...	698,511	717,382	166,199	306,983	240,926	6,497
October .....	788,110	882,348	169,226	328,790	276,872	5,436
Total ten months	5,490,179	7,092,073	1,630,929	2,940,266	2,142,929	67,788



CATALOGUE No.

26 - 006

Monthly

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Honourable M. Wallace McCutcheon  
Minister of Trade and Commerce

Vol. 14 - No. 11 November 1962

Price: \$1.00 per year, 10¢ per copy

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during November 1962, amounted to 19,679,399 barrels, compared with 20,600,825 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	November 1961	October 1962	November 1962	Year to date	
				1961	1962
New Brunswick .....	948	868	848	10,790	9,336
Ontario .....	93,394	108,929	101,178	1,056,640	1,038,665
Manitoba .....	356,812	320,875	308,749	4,121,528	3,615,739
Saskatchewan .....	5,114,401	5,688,179	5,575,069	50,557,062	58,643,524
Alberta .....	14,068,376	13,413,678	12,653,051	143,235,021	151,132,207
British Columbia .....	140,712	1,013,872	1,000,650	800,419	7,840,110
Northwest Territories ...	35,078	54,424	39,854	473,793	528,875
Canada .....	19,809,721	20,600,825	19,679,399	200,255,253	222,808,456

TABLE 2. Production (1) of Crude Petroleum, by Months, 1961 and 1962

Month	1961	1962
	in barrels	
January .....	17,614,612	22,033,620
February .....	16,481,541	20,284,663
March .....	16,363,183	21,831,829
April .....	16,846,177	18,610,150
May .....	18,863,426	20,023,633
June .....	17,893,591	18,142,357
July .....	19,006,296	20,058,754
August .....	19,645,549	20,873,289
September .....	19,556,839	20,669,937
October .....	18,174,318	20,600,825
November .....	19,809,721	19,679,399
Total eleven months .....	200,255,253	222,808,456
December .....	20,605,988	
Totals .....	220,861,241	

These figures exclude natural gasoline

Note: Crude Petroleum excludes field condensate in 1961 and 1962.

Industry and Merchandising Division

January 1963  
14-506

ROGER DUHAMEL, F.R.S.C., Queen's Printer and Controller of Stationery, Ottawa, 1963

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	November		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Daly .....	62,641	55,768	720,087	637,242
Virden-Roselea .....	106,682	91,686	1,228,717	1,061,956
North Virden Scallion	119,452	100,457	1,413,726	1,239,836
Other Areas .....	68,037	60,838	758,998	676,797
Total Crude Oil .....	356,812	308,749	4,121,528	3,615,831

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	November		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Dollard .....	289,166	376,944	3,703,406	4,215,335
Midale .....	418,258	537,435	4,155,060	5,161,030
Nottingham .....	254,688	256,152	2,472,947	2,723,128
Steelman .....	853,298	766,844	7,598,267	7,980,588
Weyburn .....	1,063,383	1,109,205	10,604,217	12,023,535
Other Areas .....	2,128,204	2,528,489	22,112,679	26,539,908
Total Crude Oil .....	5,007,497	5,575,069	50,646,576	58,643,524

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	November		Year to date	
	1961	1962	1961	1962
in barrels of 35 Imperial gallons				
Bonnie Glen .....	674,952	489,608	6,019,904	8,015,730
Fenn Big Valley .....	579,568	423,562	5,546,203	5,531,826
Golden Spike .....	311,015	285,088	2,496,752	3,890,281
Joffre .....	458,298	350,876	5,221,231	3,992,297
Judy Creek .....	305,212	466,881	2,728,652	4,994,434
Leduc-Woodbend .....	1,296,709	965,094	13,812,762	11,587,969
Pembina .....	3,553,100	3,040,645	38,972,619	34,760,041
Redwater .....	1,442,573	1,153,530	13,777,565	16,212,107
Swan Hills .....	861,649	993,489	7,515,767	10,550,644
Wizard Lake .....	289,656	301,527	3,017,929	4,237,191
Other Areas .....	4,295,644	4,182,751	44,125,637	47,359,687
Total Crude Oil .....	14,068,376	12,653,051	143,235,021	151,132,207

TABLE 6. Production (1) of Natural Gas, by Months, 1961 and 1962

Month	1961	1962
	M cu.ft. (14.65 psia, 60°F)	
January .....	62,332,374	85,314,153
February .....	56,456,896	82,863,607
March .....	60,085,037	84,123,245
April .....	53,606,869	72,764,071
May .....	50,096,605	72,755,363
June .....	43,999,721	68,067,854
July .....	43,154,764	69,356,824
August .....	45,605,555	71,955,854
September .....	47,770,341	74,457,263
October .....	54,397,925	82,672,333r
November .....	62,306,803	85,534,472
Total eleven months .....	579,812,890	849,865,039
December .....	78,078,714	
Totals .....	657,891,604	

1 Does not include waste gas burned in the field  
r-revised

TABLE 7. Production of Natural Gas, by Provinces, 1962

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
	M.cu.ft. (14.65 psia, 60°F)						
January ..	6,837	2,319,732	3,982,384	68,289,155	10,710,190	5,855	85,314,153
February .	9,427	2,140,124	3,492,512	66,876,023	10,338,216	7,305	82,863,607
March ....	8,323	1,966,108	3,518,870	67,109,255	11,514,029	6,660	84,123,245
April ....	8,432	1,052,093	3,143,848	59,052,762	9,500,411	6,525	72,764,071
May .....	8,218	754,349	2,872,926	59,233,196	9,880,838	5,836	72,755,363
June .....	7,188	580,020	2,678,785	56,677,049	8,122,437	2,375	68,067,854
July .....	7,409	439,542	2,651,654	57,861,957	8,392,572	3,690	69,356,824
August ...	6,650	587,518	2,822,649	59,504,138	9,029,075	5,824	71,955,854
September	7,101	800,252	2,715,145	61,495,630	9,436,797	2,338	74,457,263
October ..	7,849	1,180,053	3,268,862r	66,954,545	11,258,931	2,093	82,672,333r
November .	8,161	1,729,342	3,503,994	69,493,822	10,796,922	2,231	85,534,472
Total eleven months ...	85,595	13,549,133	34,651,629	692,547,532	108,980,418	50,732	849,865,039

r - revised



TABLE 8. Production of Natural Gas by-Products, in Canada, 1962

	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane	Propane butane mix
barrels						
January .....	406,486	547,838	183,475	333,515	270,800	6,840
February ....	357,301	582,841	166,299	302,757	237,705	6,816
March .....	342,938	738,891	177,971	308,225	193,035	7,408
April .....	377,610	707,576	148,742	259,932	167,435	7,049
May .....	629,496	754,019	146,859	271,342	172,647	6,866
June .....	651,507	665,624	145,967	254,744	166,104	6,418
July .....	625,278	721,179	161,374r	292,958	199,577	6,899
August .....	612,942	774,375	168,565r	281,020	217,828	7,559
September ...	698,511	717,382	168,251r	306,983	240,926	6,497
October .....	788,110	882,348	169,226	328,790	276,872	5,436
November ....	768,679	803,014	170,275	333,829	277,518	5,308
Total eleven months	6,258,858	7,895,087	1,807,004	3,274,095	2,420,447	73,096

r - revised

CATALOGUE No.

26 - 006

Monthly

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 14 - No. 12 December 1962

Price: \$1.00 per year, 10¢ per copy

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during December 1962, amounted to 21,322,196 barrels, compared with 19,679,365 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	December 1961	November 1962	December 1962	Year to date	
				1961	1962
New Brunswick .....	1,233	848	997	12,023	10,333
Ontario .....	91,041	101,178	95,579	1,147,681	1,134,244
Manitoba .....	358,687	308,749	311,452	4,480,215	3,926,683
Saskatchewan .....	5,301,563	5,575,069	5,788,561	55,858,625	64,432,085
Alberta .....	14,576,691	12,653,275	13,983,847	157,811,712	165,124,967
British Columbia .....	217,672	1,000,650	1,075,033	1,018,091	8,915,143
Northwest Territories .	59,101	39,854	66,727	532,894	595,602
Canada .....	20,605,988	19,679,365	21,322,196	220,861,241	244,139,057

TABLE 2. Production (1) of Crude Petroleum, by Months, 1961 and 1962

Month	1961	1962r
	in barrels	
January .....	17,614,612	22,032,684
February .....	16,481,541	20,282,458
March .....	16,363,183	21,830,670
April .....	16,846,177	18,610,110
May .....	18,863,426	20,023,498
June .....	17,893,591	18,147,534
July .....	19,006,296	20,063,927
August .....	19,645,549	20,876,132
September .....	19,556,839	20,669,592
October .....	18,174,318	20,600,891
November .....	19,809,721	19,679,365
December .....	20,605,988	21,322,196
Totals .....	220,861,241	244,139,057

These figures exclude natural gasoline

- revised

Note: Crude Petroleum excludes field condensate in 1961 and 1962.

Industry and Merchandising Division

March 1963

14-506

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	December		Year to date	
	1961	1962	1962	1962
	in barrels of 35 Imperial gallons			
Daly .....	61,260	57,125	781,347	693,700
Virden-Roselea .....	105,269	90,654	1,333,986	1,152,610
North Virden Scallion .	124,582	103,525	1,538,308	1,343,361
Other Areas .....	67,576	60,148	826,574	737,012
Total Crude Oil .....	358,687	311,452	4,480,215	3,926,683

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	December		Year to date	
	1961	1962	1961	1962
	in barrels of 35 Imperial gallons			
Dollard .....	326,193	365,609	4,029,599	4,580,944
Midale .....	438,757	528,206	4,593,817	5,689,236
Nottingham .....	269,218	262,752	2,742,165	2,985,880
Steelman .....	858,665	836,537	8,456,932	8,817,125
Weyburn .....	1,136,938	1,157,065	11,741,155	13,180,600
Other Areas .....	2,183,757	2,638,392	24,296,436	29,178,300
Total Crude Oil .....	5,213,528	5,788,561	55,860,104	64,432,085

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	December		Year to date	
	1961	1962	1961	1962
	in barrels of 35 Imperial gallons			
Bonnie Glen .....	323,818	693,460	6,343,722	8,714,836
Fenn Big Valley .....	564,933	468,643	6,111,136	6,000,469
Golden Spike .....	355,601	332,636	2,852,353	4,222,917
Joffre .....	445,052	347,874	5,666,283	4,340,171
Judy Creek .....	330,325	489,084	3,058,977	5,488,439
Leduc-Woodbend .....	1,323,642	1,047,336	15,136,404	12,635,305
Pembina .....	3,760,956	3,265,407	42,733,575	38,041,625
Redwater .....	1,638,989	1,456,405	15,416,554	17,668,512
Swan Hills .....	860,854	978,021	8,376,621	11,549,961
Wizard Lake .....	451,605	353,681	3,469,534	4,594,689
Other Areas .....	4,520,916	4,551,300	48,646,553	51,868,043
Total Crude Oil .....	14,576,691	13,983,847	157,811,712	165,124,967



TABLE 6. Production (1) of Natural Gas, by Months, 1961 and 1962

Month	1961	1962
M.cu.ft. (14.65 psia, 60° F)		
January .....	62,332,374	85,314,153
February .....	56,456,896	82,863,607
March .....	60,085,037	84,123,245
April .....	53,606,869	72,764,071
May .....	50,096,605	72,755,363
June .....	43,999,721	68,067,854
July .....	43,154,764	69,356,824
August .....	45,605,555	71,955,854
September .....	47,770,341	74,457,263
October .....	54,397,925	82,672,333
November .....	62,306,803	85,534,472
December .....	78,078,714	96,994,681
Totals .....	657,891,604	946,859,720

1 Does not include waste gas burned in the field

TABLE 7 Production of Natural Gas, by Province, 1962

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
M.cu.ft. (14.65 psia, 60°F)							
January ..	6,837	2,319,732	3,982,384	68,289,155	10,710,190	5,855	85,314,153
February .	9,427	2,140,124	3,492,512	66,876,023	10,338,216	7,305	82,863,607
March ....	8,323	1,966,108	3,518,870	67,109,255	11,514,029	6,660	84,123,245
April ....	8,432	1,052,093	3,143,848	59,052,762	9,500,411	6,525	72,764,071
May .....	8,218	754,349	2,872,926	59,233,196	9,880,838	5,836	72,755,363
June .....	7,188	580,020	2,678,785	56,677,049	8,122,437	2,375	68,067,854
July .....	7,409	439,542	2,651,654	57,861,957	8,392,572	3,690	69,356,824
August ...	6,650	587,518	2,822,619	59,504,138	9,029,075	5,824	71,955,854
September	7,101	800,252	2,715,145	61,495,630	9,436,797	2,338	74,457,263
October	7,849	1,180,053	3,268,862	66,954,545	11,258,931	2,093	82,672,333
November .	8,161	1,729,342	3,503,994	69,493,822	10,796,922	2,231	85,534,472
December .	10,155	2,154,542	4,327,613	78,415,590	12,080,806	5,975	96,994,681
Totals	95,750	15,703,675	38,979,242	770,963,122	121,061,224	56,707	946,859,720

TABLE 8. Production of Natural Gas by-Products, in Canada, 1962

	Field Condensate r	Plant Condensate r	Natural gasoline	Propane r	Butane r
	barrels				
January .....	402,577	547,838	183,475	337,017	274,138
February ....	348,162	582,787	166,299	306,247	241,031
March .....	335,939	735,211	177,971	312,018	196,650
April .....	435,373	704,871	148,742	263,541	170,875
May .....	618,972	761,299	146,859	274,857	175,998
June .....	640,396	671,649	145,967	258,030	169,236
July .....	606,558	730,828	161,374	296,490	202,944
August .....	607,305	770,372	168,565	284,890	221,517
September ...	696,797	710,884	168,251	312,603	246,076
October .....	788,110	879,316	169,226	331,573	279,525
November ....	768,678	803,759	170,052 <sup>r</sup>	336,547	280,108
December ....	737,739	902,680	194,161	357,870	285,946
Totals	6,986,606	8,801,494	2,000,942	3,671,683	2,744,044

r - revised

Propane - Butane mix. Now included in Propane and Butane production.

CATALOGUE No.

26 - 006

Monthly

# Canada. Statistics. Bureau of DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 15 - No. 1-2 January 1963

Price: \$1.00 per year, 10¢ per copy

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during January 1963, amounted to 22,624,738 barrels, compared with 21,322,196 barrels in the previous month.

TABLE 1. Production of Crude Petroleum and Natural Gas in Canada (Imperial gallons)

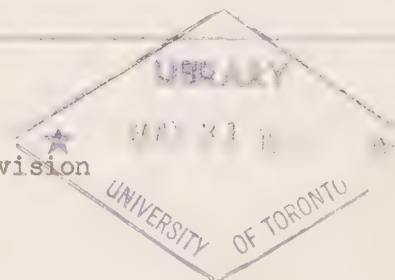
Province	January 1962	December 1962	January 1963	Year to date 1962	1963
New Brunswick.....	805	997	835	805	835
Ontario.....	90,921	95,579	93,608	90,921	93,608
Manitoba.....	343,128	311,452	292,664	343,128	292,664
Saskatchewan.....	5,004,476	5,788,561	5,670,514	5,004,476	5,670,514
Alberta.....	16,129,092	13,983,847	15,457,322	16,129,092	15,457,322
British Columbia.....	425,121	1,075,033	1,065,029	425,121	1,065,029
Northwest Territories.	39,141	66,727	44,766	39,141	44,766
Canada	22,032,684	21,322,196	22,624,738	22,032,684	22,624,738

TABLE 2. Production (1) of Crude Petroleum, by Months, 1962 and 1963

Month	1962	1963
	in barrels	
January .....	22,032,684	22,624,738
February .....	20,282,458	
March .....	21,330,670	
April .....	18,610,110	
May .....	20,023,498	
June .....	18,147,534	
July .....	20,063,927	
August .....	20,876,132	
September .....	20,669,592	
October .....	20,600,891	
November .....	19,679,365	
December .....	21,322,196	
Totals .....	244,139,057	

1. These figures exclude items listed in Table 8.

Industry and Merchandising Division



May 1963  
6514-506



TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	January		Year to date	
	1962	1963	1962	1963
in barrels of 35 Imperial gallons				
Daly .....	50,549	54,438	60,549	54,438
Virden-Roselea .....	99,808	87,914	99,808	87,914
North Virden Scallion.	120,608	94,045	120,608	94,045
Other Areas .....	62,163	56,267	62,163	56,267
Total Crude Oil .....	343,128	292,664	343,128	292,664

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	January		Year to date	
	1962	1963	1962	1963
in barrels of 35 Imperial gallons				
Dollard .....	289,798	381,768	289,798	381,768
Midale .....	420,031	491,854	420,031	491,854
Nottingham .....	252,600	254,073	252,600	254,073
Steelman .....	804,460	790,737	804,460	790,737
Weyburn .....	1,110,200	1,153,889	1,110,200	1,153,889
Other Areas .....	2,131,685	2,598,193	2,131,685	2,598,193
Total Crude Oil .....	5,008,774	5,670,514	5,008,774	5,670,514

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	January		Year to date	
	1962	1963	1962	1963
in barrels of 35 Imperial gallons				
Bonnie Glen .....	1,447,702	923,781	1,447,702	923,781
Fenn Big Valley .....	627,131	574,855	627,131	574,855
Golden Spike .....	534,376	477,427	534,376	477,427
Joffre .....	387,186	342,722	387,186	342,722
Judy Creek .....	446,164	572,441	446,164	572,441
Leduc-Woodbend .....	1,195,487	1,103,676	1,195,487	1,103,676
Pembina .....	3,298,939	3,525,492	3,298,939	3,525,492
Redwater .....	1,994,209	1,779,051	1,994,209	1,779,051
Swan Hills .....	1,035,934	1,050,123	1,035,934	1,050,123
Wizard Lake .....	551,726	484,077	551,726	484,077
Other Areas	4,611,174	4,623,677	4,611,174	4,623,677
Total Crude Oil .....	16,130,028	15,457,322	16,130,028	15,457,322

TABLE 6. Production (1) of Natural Gas, by Months, 1962 and 1963

Month	1962	1963
	M.cu.ft. (14.65 psia, 60° F)	
January .....	85,314,153	108,066,398
February .....	82,863,607	
March .....	84,123,245	
April .....	72,764,071	
May .....	72,755,363	
June .....	68,067,854	
July .....	69,356,824	
August .....	71,955,854	
September .....	74,457,263	
October .....	82,672,333	
November .....	85,534,472	
December .....	96,994,681	
Totals .....	946,859,720	

1. Does not include waste gas burned in the field

TABLE 7. Production of Natural Gas, by Province, 1963

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
	M.cu.ft. (14.65 psia, 60° F)						
January ..	10,661	2,074,673	4,768,585	88,889,642	12,316,764	6,073	108,066,398

TABLE 8. Production of Natural Gas by-Products, in Canada, 1963.

	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane
	barrels				
January .....		1,000,000		15,000	20,500

TABLE 9. Production of Natural Gas by-Products, by Provinces, January, 1964

	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane
	barrels				
Saskatchewan ....	-	-	23,126	51,962	28,796
Alberta .....	684,207	956,646	185,296	304,358	235,123
British Columbia.	-	93,574	-	52,496	60,643
Canada .....	684,207	1,050,220	208,422	408,816	324,562



CATALOGUE No.

26 - 006

Monthly

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 15 - No. 2

February 1963

Price: \$1.00 per year, 10¢ per copy .

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during February 1963, amounted to 21,182,754 barrels, compared with 22,624,738 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	February	January	February	Year to date	
	1962	1963	1963	1962	1963
New Brunswick .....	1,081	835	1,008	1,886	1,843
Ontario .....	84,167	93,608	86,574	175,088	180,182
Manitoba .....	304,375	292,664	270,421	647,503	563,085
Saskatchewan .....	4,684,237	5,670,514	5,255,102	9,688,713	10,925,616
Alberta .....	14,590,782	15,457,322	14,533,715	30,719,874	29,991,037
British Columbia .....	559,241	1,065,029	985,901	984,362	2,050,930
Northwest Territories .	58,575	44,766	50,033	97,716	94,799
Canada	20,282,458	22,624,738	21,182,754	42,315,142	43,807,492

TABLE 2. Production (1) of Crude Petroleum, by Months, 1962 and 1963

Month	1962	1963
	in barrels	
January .....	22,032,684	22,624,738
February .....	20,282,458	21,182,754
Total two months .....	42,315,142	43,807,492
March .....	21,830,670	
April .....	18,610,110	
May .....	20,023,498	
June .....	18,147,534	
July .....	20,063,927	
August .....	20,876,132	
September .....	20,669,592	
October .....	20,600,891	
November .....	19,679,365	
December .....	21,322,196	
Total .....	244,139,057	

1. These figures exclude items listed in Table 8.

Industry Division

July 1963  
6514-506

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	February		Year to date	
	1962	1963	1962	1963
in barrels of 35 Imperial gallons				
Daly .....	53,132	51,627	113,681	106,065
Virden-Roselea .....	88,436	75,008	188,244	162,922
North Virden Scallion..	107,229	92,285	227,837	186,330
Other Areas .....	55,578	51,501	117,741	107,768
Total Crude Oil .....	304,375	270,421	647,503	563,085

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	February		Year to date	
	1962	1963	1962	1963
in barrels of 35 Imperial gallons				
Dollard .....	353,043	350,530	642,841	732,298
Midale .....	373,372	437,803	793,403	929,657
Nottingham .....	235,749	224,368	488,349	478,441
Steelman .....	674,657	780,762	1,479,117	1,571,499
Weyburn .....	989,218	1,064,682	2,099,418	2,218,571
Other Areas .....	2,102,102	2,396,957	4,233,787	5,095,150
Total Crude Oil .....	4,728,141	5,255,102	9,736,915	10,925,616

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	February		Year to date	
	1962	1963	1962	1963
in barrels of 35 Imperial gallons				
Bonnie Glen .....	921,147	810,993	2,368,849	1,734,774
Fenn Big Valley .....	606,137	583,377	1,233,268	1,158,232
Golden Spike .....	490,155	429,165	1,024,531	906,592
Joffre .....	352,120	308,493	739,306	651,215
Judy Creek .....	448,649	420,799	894,813	993,240
Leduc-Woodbend .....	1,107,798	1,064,366	2,303,285	2,168,042
Pembina .....	3,029,173	3,215,173	6,334,133	6,740,663
Redwater .....	1,778,054	1,598,776	3,772,263	3,377,827
Swan Hills .....	988,205	1,074,474	2,024,139	2,124,597
Wizard Lake .....	537,222	509,974	1,088,948	994,051
Other Areas .....	4,332,122	4,518,125	8,936,339	9,141,804
Total Crude Oil .....	14,590,782	14,533,715	30,719,874	29,991,037

TABLE 6. Production (1) of Natural Gas, by Months, 1962 and 1963

Month	1962	1963
M. cu. ft. (14.65 psia, 60° F)		
January .....	85,314,153	108,066,398
February .....	82,863,607	94,754,872
Total two months .....	168,177,760	202,821,270
March .....	84,123,245	
April .....	72,764,071	
May .....	72,755,363	
June .....	68,067,854	
July .....	69,356,824	
August .....	71,955,854	
September .....	74,457,263	
October .....	82,672,333	
November .....	85,534,472	
December .....	96,994,681	
Total .....	946,859,720	

1. Does not include waste gas burned in the field

TABLE 7. Production of Natural Gas, by Province, 1963

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
M. cu. ft. (14.65 psia, 60° F)							
January	10,661	2,074,673	4,768,585	88,889,642	12,316,764	6,073	108,066,398
February	12,118	2,939,220	3,912,535	77,668,925	10,215,602	6,472	94,754,872
Total two months	22,779	5,013,893	8,681,120	166,558,567	22,532,366	12,545	202,821,270



TABLE 8. Production of Natural Gas by-Products, in Canada, 1962

	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane
	barrels				
January ....	684,207	1,050,220	208,422	408,816	324,562
February ...	626,358	909,903	183,140	481,692	283,203
Total two months	1,310,565	1,960,123	391,562	890,508	607,765

TABLE 9. Production of Natural Gas by-Products, by Provinces, February, 1963

	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane
	barrels				
Saskatchewan..	-	-	20,037	49,014	25,542
Alberta .....	626,358	835,685	163,103	387,073	206,774
British Columbia	-	74,218	-	45,605	50,887
Canada .....	626,358	909,903	183,140	481,692	283,203

CATALOGUE No.

26 - 006

Monthly

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 15 - No. 3

March 1963

Price: \$1.00 per year, 10¢ per copy

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during March 1963, amounted to 23,238,015 barrels, compared with 21,182,754 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	March	February	March	Year to date	
	1962	1963	1963	1962	1963
New Brunswick .....	888	1,008	687	2,774	2,530
Ontario .....	94,946	86,574	94,632	270,034	274,814
Manitoba .....	332,367	270,421	314,673	979,870	877,758
Saskatchewan .....	5,188,962	5,255,102	6,097,754	14,877,675	17,023,370
Alberta .....	15,478,897	14,533,715	15,579,837	46,198,771	45,570,874
British Columbia .....	684,588	985,901	1,102,864	1,668,950	3,153,794
Northwest Territories ..	50,022	50,003	47,568	147,738	142,367
Canada .....	21,830,670	21,182,754	23,238,015	64,145,812	67,045,507

TABLE 2. Production (1) of Crude Petroleum, by Months, 1962 and 1963

Month	1962	1963
	in barrels	
January .....	22,032,684	22,624,738
February .....	20,282,458	21,182,754
March .....	21,830,670	23,238,015
Total three months .....	64,145,812	67,045,507
April .....	18,610,110	
May .....	20,023,498	
June .....	18,147,534	
July .....	20,063,927	
August .....	20,876,132	
September .....	20,669,592	
October .....	20,600,891	
November .....	19,679,365	
December .....	21,322,196	
Total .....	244,139,057	

1. These figures exclude items listed in Table 8.

Industry Division

July 1963  
6514-506

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	March		Year to date	
	1962	1963	1962	1963
in barrels of 35 Imperial gallons				
Daly .....	58,460	56,875	172,141	162,940
Virden-Roselea .....	95,820	87,015	284,064	249,937
North Virden Scallion .	117,484	108,664	345,321	294,994
Other Areas .....	60,656	62,119	178,397	169,887
Total Crude Oil .....	332,420	314,673	979,923	877,758

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	March		Year to date	
	1962	1963	1962	1963
in barrels of 35 Imperial gallons				
Dollard .....	402,533	403,815	1,045,374	1,136,113
Midale .....	441,825	538,816	1,235,228	1,468,822
Nottingham .....	244,940	258,109	733,289	736,550
Steelman .....	724,021	916,034	2,203,138	2,487,533
Weyburn .....	1,105,274	1,227,863	3,204,692	3,446,434
Other Areas .....	2,284,761	2,753,117	6,518,548	7,747,918
Total Crude Oil .....	5,203,354	6,097,754	14,940,269	17,023,370

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	March		Year to date	
	1962	1963	1962	1963
in barrels of 35 Imperial gallons				
Bonnie Glen .....	904,967	840,403	3,273,816	2,575,177
Fenn Big Valley .....	595,971	571,835	1,829,239	1,730,067
Golden Spike .....	502,483	418,687	1,527,014	1,325,279
Joffre .....	386,678	342,769	1,125,984	993,984
Judy Creek .....	519,039	514,539	1,413,852	1,507,779
Leduc-Woodbend .....	1,195,240	1,100,787	3,498,525	3,268,829
Pembina .....	3,318,597	3,538,437	9,652,730	10,279,102
Redwater .....	1,854,307	1,686,372	5,626,570	5,064,199
Swan Hills .....	1,056,779	1,176,604	3,080,918	3,301,201
Wizard Lake .....	536,024	446,258	1,624,972	1,440,309
Other Areas .....	4,608,812	4,943,146	13,545,151	14,084,948
Total Crude Oil .....	15,478,897	15,579,837	46,198,771	45,570,874



TABLE 6. Production (1) of Natural Gas, by Months, 1962 and 1963

Month	1962	1963
	M.cu.ft. (14.65 psia, 60° F)	
January .....	85,314,153	108,066,398
February .....	82,863,607	94,754,872
March .....	84,123,245	98,481,750
Total three months .....	252,301,005	301,303,020
April .....	72,764,071	
May .....	72,755,363	
June .....	68,067,854	
July .....	69,356,824	
August .....	71,955,854	
September .....	74,457,263	
October .....	82,672,333	
November .....	85,534,472	
December .....	96,994,681	
Total .....	946,859,720	

1. Does not include waste gas burned in the field

TABLE 7. Production of Natural Gas, by Province, 1963

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
	M.cu.ft. (14.65 psia, 60° F)						
January ..	10,661	2,074,673	4,768,585	88,889,642	12,316,764	6,073	108,066,398
February .	12,118	2,939,220	3,912,535	77,668,925	10,215,602	6,472	94,754,872
March ....	13,297	1,690,671	3,547,617	81,668,221	11,555,929	6,015	98,481,750
Total three months ...	36,076	6,704,564	12,228,737	248,226,788	34,088,295	18,560	301,303,020

TABLE 8. Production of Natural Gas by-Products, in Canada, 1963

	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane
	barrels				
January .....	684,207	1,050,220	208,422	408,816	324,562
February .....	626,358	909,903	183,140	481,692	283,203
March .....	757,595	1,055,521	194,530	368,969	306,890
Total three months .....	2,068,160	3,015,644	586,092	1,259,477	914,655

TABLE 9. Production of Natural Gas by-Products, by Provinces, March 1963

	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane
	barrels				
Saskatchewan .	-	-	21,935	52,934	28,471
Alberta .....	757,595	972,058	172,595	273,248	228,355
British Columbia	-	83,463	-	42,787	50,064
Canada .....	757,595	1,055,521	194,530	368,969	306,890

CATALOGUE No.

26 - 006

Monthly

Canada Statistics Bureau of

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 15 - No. 4

April 1963

Price: \$1.00 per year, 10¢ per copy

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

Output of crude petroleum in Canada during April 1963, amounted to 18,851,949 barrels, compared with 23, 238,015 barrels in the previous month.

TABLE 1. Production of Crude Petroleum (in barrels of 35 Imperial gallons)

Province	<u>April</u> 1962	<u>March</u> 1963	<u>April</u> 1963	<u>Year to date</u> 1962	<u>Year to date</u> 1963
New Brunswick .....	817	687	234	3,591	2,764
Ontario .....	89,652	94,632	102,573	359,686	377,387
Manitoba .....	329,581	314,673	307,660	1,309,451	1,185,418
Saskatchewan .....	5,165,697	6,097,754	5,484,831	20,043,372	22,508,201
Alberta .....	12,271,202	15,579,837	11,998,745	58,469,973	57,569,619
British Columbia .....	700,643	1,102,864	906,079	2,369,593	4,059,873
Northwest Territories .	52,518	47,568	51,827	200,256	194,194
Canada .....	18,610,110	23,238,015	18,851,949	82,755,922	85,897,456

TABLE 2. Production (1) of Crude Petroleum, by Months, 1962 and 1963

Month	1962	1963
	in barrels	
January .....	22,032,684	22,624,738
February .....	20,282,458	21,182,754
March .....	21,830,670	23,238,015
April .....	18,610,110	18,851,949
Total four months .....	82,755,922	85,897,456
May .....	20,023,498	
June .....	18,147,534	
July .....	20,063,927	
August .....	20,876,132	
September .....	20,669,592	
October .....	20,600,891	
November .....	19,679,365	
December .....	21,322,196	
Total .....	244,139,057	

1. These figures exclude items listed in Table 8.

Industry Division

August 1963  
6514-506



TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	April		Year to date	
	1962	1963	1962	1963
in barrels of 35 Imperial gallons				
Daly .....	55,696	53,773	277,837	216,713
Virden-Roselea .....	97,623	88,653	381,687	338,590
North Virden Scallion ...	114,803	104,717	460,124	399,711
Other Areas .....	61,499	60,517	189,896	230,404
Total Crude Oil .....	329,621	307,660	1,309,544	1,185,418

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	April		Year to date	
	1962	1963	1962	1963
in barrels of 35 Imperial gallons				
Dollard .....	393,881	411,165	1,439,255	1,547,278
Midale .....	429,537	505,980	1,664,765	1,955,347
Nottingham .....	241,345	223,272	974,634	956,973
Steelman .....	745,791	690,116	2,948,929	3,177,682
Weyburn .....	1,075,619	1,146,921	4,280,321	4,575,305
Other Areas .....	2,279,524	2,507,377	8,735,468	10,295,616
Total Crude Oil .....	5,165,697	5,484,831	20,043,372	22,508,201

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	April		Year to date	
	1962	1963	1962	1963
in barrels of 35 Imperial gallons				
Bonnie Glen .....	544,106	418,424	3,817,922	2,993,601
Fenn Big Valley .....	442,602	343,456	2,271,841	2,073,523
Golden Spike .....	276,701	191,340	1,803,715	1,516,619
Joffre .....	364,259	320,980	1,490,243	1,314,964
Judy Creek .....	351,999	472,383	1,765,851	1,980,162
Leduc-Woodbend .....	995,787	890,010	4,494,312	4,158,839
Pembina .....	3,005,306	3,102,526	12,658,036	13,381,628
Redwater .....	1,181,554	1,074,998	6,808,124	6,139,197
Swan Hills .....	902,534	994,747	3,983,452	4,295,948
Wizard Lake .....	283,211	237,019	1,908,183	1,677,328
Other Areas .....	3,923,143	3,952,862	17,468,294	18,037,810
Total Crude Oil .....	12,271,202	11,998,745	58,469,973	57,569,619

TABLE 6. Production (1) of Natural Gas, by Months, 1962 and 1963

Month	1962	1963
	M.cu.ft. (14.65 psia, 60° F)	
January .....	85,314,153	108,066,398
February .....	82,863,607	94,754,872
March .....	84,123,245	98,481,750
April .....	72,764,071	91,145,898
Total four months .....	325,065,076	
May .....	72,755,363	
June .....	68,067,854	
July .....	69,356,824	
August .....	71,955,854	
September .....	74,457,263	
October .....	82,672,333	
November .....	85,534,472	
December .....	96,994,631	
Total .....	946,859,720	

1. Does not include waste gas burned in the field

TABLE 7. Production of Natural Gas, by Province, 1963

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North-west Territories	CANADA
	M.cu.ft. (14.65 psia, 60° F)						
January ..	10,661	2,074,673	4,768,585	88,889,642	12,316,764	6,073	108,066,398
February .	12,118	2,939,220	3,912,535	77,668,925	10,215,602	6,472	94,754,872
March ....	13,297	1,690,671	3,547,617	81,668,221	11,555,929	6,015	98,481,750
April ....	8,790	988,825	2,778,702	76,989,647	10,374,001	5,933	91,145,898
Total four months ...	44,866	7,693,389	15,007,439	325,216,435	44,462,296	24,493	392,448,918

TABLE 8. Production of Natural Gas by-Products, in Canada, 1963

	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane
	barrels				
January .....	684,207	1,050,220	208,422	408,816	324,562
February ....	626,358	909,903	183,140	481,692	283,203
March .....	757,595	1,055,521	194,530	368,969	306,890
April .....	636,063	1,024,668	172,200	317,960	248,147
Total four months .....	2,704,223	4,040,312	758,292	1,577,437	1,162,802

TABLE 9. Production of Natural Gas by-Products, by Provinces, April 1963

	Field Condensate	Plant Condensate	Natural gasoline	Propane	Butane
	barrels				
Saskatchewan .	-	-	17,954	39,071	21,264
Alberta .....	636,063	948,971	154,246	247,779	185,724
British Columbia	-	75,697	-	31,110	41,159
Canada .....	636,063	1,024,668	172,200	317,960	248,147



CATALOGUE No.

26-006

MONTHLY

Canada. Statistics, Bureau of

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 15, No. 5

Price: 10 cents, \$1.00 a year

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

MAY 1963

Output of crude petroleum in Canada during May 1963, amounted to 20,701,599 barrels, compared with 18,917,087 barrels in the previous month.

TABLE 1. Production(1) of Crude Petroleum

Province	May 1962	April 1963	May 1963	Year to date	
				1962	1963
barrels of 35 Imperial gallons					
New Brunswick .....	923	234	681	4,514	3,445
Ontario .....	95,014	102,573	104,269	454,700	481,656
Manitoba .....	338,963	307,660	317,183	1,648,414	1,502,601
Saskatchewan .....	5,241,577	5,484,831	5,831,378	25,284,949	28,339,579
Alberta .....	13,573,784	12,063,883	13,258,187	72,043,757	71,138,707
British Columbia ....	748,722	906,079	1,163,617	3,118,315	5,223,490
Northwest Territories	24,515	51,827	26,284	224,771	220,478
Canada .....	20,023,498	18,917,087	20,701,599	102,779,420	106,909,956

TABLE 2. Production(1) of Crude Petroleum by Months, 1962 and 1963

Month	1962	1963 <sup>r</sup>
in barrels		
January .....	22,032,684	22,711,354
February .....	20,282,458	21,255,941
March .....	21,830,670	23,323,975
April .....	18,610,110	18,917,087
May .....	20,023,498	20,701,599
Total five months .....	102,779,420	106,909,956
June .....	18,147,534	
July .....	20,063,927	
August .....	20,876,132	
September .....	20,669,592	
October .....	20,600,891	
November .....	19,679,365	
December .....	21,322,196	
Totals .....	244,139,057	

(1) These figures exclude items listed in Tables 8 and 9. See footnote to Table 9.

<sup>r</sup> Revised figures.

Industry Division

October 1963

6514-506

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	May		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Daly .....	60,595	56,393	288,432	273,106
Virden-Roselea .....	99,103	90,964	480,424	429,554
North Virden Scallion ...	117,349	110,752	577,473	510,459
Other Areas .....	62,051	59,074	301,947	289,478
Total Crude Oil .....	339,098	317,183	1,648,276	1,502,597

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	May		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Dollard .....	342,193	418,818	1,781,448	1,966,096
Midale .....	453,204	531,711	2,117,969	2,487,058
Nottingham .....	252,397	229,582	1,227,031	1,186,555
Steelman .....	740,068	785,449	3,688,997	3,963,131
Weyburn .....	1,135,961	1,196,234	5,416,282	5,771,539
Other Areas .....	2,302,914	2,669,584	11,083,879	43,666,430
Total Crude Oil .....	5,226,737	5,831,378	25,315,606	28,292,051

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	May		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Bonnie Glen .....	638,736	519,311	4,456,658	3,512,912
Fenn Big Valley .....	516,990	431,282	2,788,831	2,504,805
Golden Spike .....	311,239	291,801	2,114,954	1,808,420
Joffre .....	314,803	343,350	1,805,046	1,658,314
Judy Creek .....	470,134	645,717	2,235,985	2,625,879
Leduc-Woodbend .....	1,074,448	951,838	5,568,760	5,110,677
Pembina .....	3,161,487	3,188,037	15,819,523	16,569,665
Redwater .....	1,441,803	1,190,385	8,249,927	7,329,582
Swan Hills .....	994,768	1,077,721	4,978,220	5,373,669
Wizard Lake .....	364,083	268,583	2,272,266	1,945,911
Other Areas .....	4,285,293	4,350,162	21,753,587	22,698,873
Total Crude Oil .....	13,573,784	13,258,187	72,043,757	71,138,707

TABLE 6. Production(1) of Natural Gas, by Months, 1962 and 1963

Month	1962	1963
	M. cu. ft. (14.65 psia, 60° F)	
January .....	85,314,153	108,066,398
February .....	82,863,607	94,754,872
March .....	84,123,245	98,481,750
April .....	72,764,071	91,145,898
May .....	72,755,363	87,290,519
Total five months .....	397,820,439	479,739,437
June .....	68,067,854	
July .....	69,356,824	
August .....	71,955,854	
September .....	74,457,263	
October .....	82,672,333	
November .....	85,534,472	
December .....	96,994,681	
Totals .....	946,859,720	

(1) Does not include waste gas burned in the field.

TABLE 7. Production of Natural Gas, by Province, 1963

Month	New Brunswick	Ontario	Saskat- chewan	Alberta	British Columbia	North- west Terri- tories	Canada
	M. cu. ft. (14.65 psia, 60° F)						
January ....	10,661	2,074,673	4,768,585	88,889,642	12,316,754	6,073	108,066,398
February ...	12,118	2,939,220	3,912,535	77,668,925	10,215,602	6,472	94,754,872
March .....	13,297	1,690,671	3,547,617	81,668,221	11,555,929	6,015	98,481,750
April .....	8,790	988,825	2,778,702	76,989,647	10,374,001	5,933	91,145,898
May .....	7,409	820,846	3,055,630	73,926,624	9,478,462	1,548	87,290,519
Total five months	52,275	8,514,235	18,063,069	399,143,059	53,940,758	26,041	479,739,437

TABLE 8. Production of Natural Gas by-Products, in Canada, 1963

Month	Pentanes plus(1)	Propane barrels	Butane
January .....	1,856,233	408,816	324,828 <sup>r</sup>
February .....	1,646,214	481,692	283,203
March .....	1,921,686	368,969	306,890
April .....	1,767,793	317,960	248,147
May .....	1,670,702	354,298	235,665
Total five months .....	8,862,628	1,931,735	1,398,733

(1) See footnote to Table 9.

<sup>r</sup> Revised figures.



TABLE 9. Production of Natural Gas by-Products, by Provinces, May 1963

Province	Pentanes plus(1)	Propane	Butane
		barrels	
Saskatchewan .....	20,782	47,947	26,343
Alberta .....	1,581,109	272,733	170,145
British Columbia .....	68,811	33,618	39,177
Canada .....	1,670,702	354,298	235,665

(1) "Pentanes plus" replaces the former categories "field condensate", "plant condensate" and "natural gasoline". This change has been made in conformity with amendments to the Alberta Oil and Gas Conservation Act as summarized in the letter attached to the June 1963 monthly report, "Alberta Oil and Gas Industry".

"The liquid hydrocarbons consisting of pentanes and heavier hydrocarbons recovered from natural gas were formerly defined as "field condensate", "plant condensate" and "natural gasoline". Field condensate included condensate actually recovered in field stock tanks and the portion of condensate recovered in a plant which would have been recovered in the field if separators and stock tanks had been installed.

"As a result of the new definitions, the liquid hydrocarbons recovered from a gas stream in field separation facilities and stored and sold from field stock tanks are now called "condensate". All liquid hydrocarbons, other than propane and butanes, recovered in gas processing plants are now called "pentanes plus".

"Condensate recovered and sold from field facilities is reported in barrels in a manner identical to crude oil. The gas produced with the condensate is measured and reported on an "after separation" basis. Liquid hydrocarbons which are delivered to the gas processing plant with the gas are not separately reported but are converted to an equivalent gas volume and included in the reported production of raw gas."

Condensate as now defined is included in crude petroleum for 1963 in Tables 1, 2 and 5.

CATALOGUE No.

26-006

MONTHLY

Canada. Statistics, Bureau of  
DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

DEC 5 1963

Published by Authority of the Minister of Trade and Commerce

Vol. 15, No. 6

Price: 10 cents, \$1.00 a year

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

JUNE 1963

Output of crude petroleum in Canada during June 1963, amounted to 20,881,996 barrels, compared with 20,701,599 barrels in the previous month.

TABLE 1. Production(1) of Crude Petroleum

Province	June 1962	May 1963	June 1963	Year to date	
				1962	1963
barrels of 35 Imperial gallons					
New Brunswick .....	809	681	475	5,323	3,920
Ontario .....	90,652	104,269	100,679	545,352	582,335
Manitoba .....	334,934	317,183	311,849	1,983,348	1,814,450
Saskatchewan .....	5,308,748	5,831,378	5,355,753	30,593,697	33,695,332
Alberta .....	11,750,467	13,258,187	13,957,179	83,794,224	85,095,886
British Columbia ....	621,433	1,163,617	1,106,745	3,739,748	6,330,235
Northwest Territories	40,491	26,284	49,316	265,262	269,794
Canada .....	18,147,534	20,701,599	20,881,996	120,926,954	127,791,952

TABLE 2. Production(1) of Crude Petroleum, by Months, 1962 and 1963

Month	1962	1963
in barrels		
January .....	22,032,684	22,711,354
February .....	20,282,458	21,255,941
March .....	21,830,670	23,323,975
April .....	18,610,110	18,917,087
May .....	20,023,498	20,701,599
June .....	18,147,534	20,881,996
Total six months .....	120,926,954	127,791,952
July .....	20,063,927	
August .....	20,876,132	
September .....	20,669,592	
October .....	20,600,891	
November .....	19,679,365	
December .....	21,322,196	
Totals .....	244,139,057	

(1) These figures exclude items listed in Tables 8 and 9. See footnote to Table 9.

November 1963

Industry Division

6514-506

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	June		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Daily .....	60,081	52,841	348,513	325,947
Virden-Roselea .....	96,773	85,346	577,197	514,900
North Virden Scallion ...	113,353	111,126	690,879	621,585
Other Areas .....	64,642	62,536	366,589	352,316
Total crude oil .....	334,849	311,849	1,983,178	1,814,748

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	June		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Dollard .....	399,455	376,915	2,180,903	2,343,011
Midale .....	432,354	531,303	2,550,323	3,018,361
Nottingham .....	249,114	196,534	1,476,145	1,383,089
Steelman .....	692,971	638,571	4,381,968	4,601,702
Weyburn .....	1,069,450	1,130,510	6,485,732	6,902,049
Other Areas .....	2,481,934	2,481,920	13,565,813	15,399,592
Total crude oil .....	5,325,278	5,355,753	30,640,884	33,647,804

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	June		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Bonnie Glen .....	424,827	656,654	4,881,485	4,169,566
Fenn Big Valley .....	380,611	508,372	3,169,442	3,013,177
Golden Spike .....	195,448	26,335	2,310,402	1,834,755
Joffre .....	359,969	323,656	2,165,015	1,981,970
Judy Creek .....	423,962	617,230	2,659,947	3,243,109
Leduc-Woodbend .....	893,457	1,005,729	6,462,217	6,116,406
Pembina .....	2,967,617	3,257,559	18,787,140	19,827,224
Redwater .....	1,090,087	1,384,868	9,340,014	8,714,450
Swan Hills .....	894,400	1,116,615	5,872,620	6,490,284
Wizard Lake .....	226,817	354,166	2,499,083	2,300,077
Other Areas .....	3,893,272	4,705,995	25,646,859	27,404,865
Total crude oil .....	11,750,467	13,957,179	83,794,224	85,095,886



TABLE 6. Production(1) of Natural Gas, by Months, 1962 and 1963

Month	1962	1963
	M. cu. ft. (14.65 psia, 60° F)	
January .....	85,314,153	108,066,398
February .....	82,863,607	94,754,872
March .....	84,123,245	98,481,750
April .....	72,764,071	91,145,898
May .....	72,755,363	87,290,519
June .....	68,067,854	78,867,128
Total six months .....	465,888,293	558,606,565
July .....	69,356,824	
August .....	71,955,854	
September .....	74,457,263	
October .....	82,672,333	
November .....	85,534,472	
December .....	96,994,681	
Totals .....	946,859,720	

(1) Does not include waste gas burned in the field.

TABLE 7. Production of Natural Gas, by Province, 1963

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North- west Territories	Canada
	M. cu. ft. (14.65 psia, 60° F)						
January ...	10,661	2,074,673	4,768,585	88,889,642	12,316,764	6,073	108,066,398
February ..	12,118	2,939,220	3,912,535	77,668,925	10,215,602	6,472	94,754,872
March .....	13,297	1,690,671	3,547,617	81,668,221	11,555,929	6,015	98,481,750
April .....	8,790	988,825	2,778,702	76,989,647	10,374,001	5,933	91,145,898
May .....	7,409	820,846	3,055,630	73,926,624	9,478,462	1,548	87,290,519
June .....	6,664	780,749	2,735,111	67,182,909	8,154,939	6,756	78,867,128
Total six months	58,939	9,294,984	20,798,180	466,325,968	62,095,697	32,797	558,606,565

TABLE 8. Production of Natural Gas by-Products, in Canada, 1963

Month	Pentanes plus(1)	Propane	Butane
	barrels		
January .....	1,856,233	408,816	324,828
February .....	1,646,214	481,692	283,203
March .....	1,921,686	368,969	306,890
April .....	1,767,793	317,960	248,147
May .....	1,670,702	354,298	235,665
June .....	1,539,119	340,220	227,654
Total six months .....	10,401,747	2,271,955	1,626,387

TABLE 9. Production of Natural Gas by-Products, by Provinces, June 1963

Province	Pentanes plus(1)	Propane	Butane
barrels			
Saskatchewan .....	20,848	45,434	24,900
Alberta .....	1,462,802	264,402	165,861
British Columbia .....	55,469	30,384	36,893
Canada .....	1,539,119	340,220	227,654

(1) "Pentanes plus" replaces the former categories "field condensate", "plant condensate" and "natural gasoline". This change has been made in conformity with amendments to the Alberta Oil and Gas Conservation Act as summarized in the letter attached to the June 1963 monthly report, "Alberta Oil and Gas Industry".

"The liquid hydrocarbons consisting of pentanes and heavier hydrocarbons recovered from natural gas were formerly defined as "field condensate", plant condensate" and "natural gasoline". Field condensate included condensate actually recovered in field stock tanks and the portion of condensate recovered in a plant which would have been recovered in the field if separators and stock tanks had been installed.

"As a result of the new definitions, the liquid hydrocarbons recovered from a gas stream in field separation facilities and stored and sold from field stock tanks are now called "condensate". All liquid hydrocarbons, other than propane and butanes, recovered in gas processing plants are now called "pentanes plus".

"Condensate recovered and sold from field facilities is reported in barrels in a manner identical to crude oil. The gas produced with the condensate is measured and reported on an "after separation" basis. Liquid hydrocarbons which are delivered to the gas processing plant with the gas are not separately reported production of raw gas."

Condensate as now defined is included in crude petroleum for 1963 in Tables 1, 2 and 5.

CATALOGUE No.

26-006

MONTHLY

Canada Statistics Bureau of

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 15, No. 7

Price: 10 cents, \$1.00 a year

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

JULY 1963

Output of crude petroleum in Canada during July 1963, amounted to 21,000,874 barrels, compared with 20,881,996 barrels in the previous month.

TABLE 1. Production (1) of Crude Petroleum

Province	July 1962	June 1963	July 1963	Year to date	
				1962	1963
				barrels of 35 Imperial gallons	
New Brunswick .....	849	475	609	6,172	4,529
Ontario .....	90,675	100,679	104,669	636,027	687,004
Manitoba .....	343,871	311,849	324,741	2,327,219	2,139,191
Saskatchewan .....	5,581,038	5,355,753	5,500,817	36,174,735	39,196,149
Alberta .....	13,646,639	13,957,179	14,164,421	97,440,863	99,260,307
British Columbia ....	359,407	1,106,745	850,759	4,099,155	7,180,994
Northwest Territories	41,448	49,316	54,858	306,710	324,652
Canada .....	20,063,927	20,881,996	21,000,874	140,990,881	148,792,826

TABLE 2. Production (1) of Crude Petroleum, by Months, 1962 and 1963

Month	1962	1963
	in barrels	
January .....	22,032,684	22,711,354
February .....	20,282,458	21,255,941
March .....	21,830,670	23,323,975
April .....	18,610,110	18,917,087
May .....	20,023,498	20,701,599
June .....	18,147,534	20,881,996
July .....	20,063,927	21,000,874
Total seven months .....	140,990,881	148,792,826
August .....	20,876,132	
September .....	20,669,592	
October .....	20,600,891	
November .....	19,679,365	
December .....	21,322,196	
Totals .....	244,139,057	

(1) These figures exclude items listed in Tables 8 and 9. See footnote to Table 9

December 1963  
6514-506

Industry Division



TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	July		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Daly .....	59,602	52,738	408,115	378,685
Virden-Roselea .....	100,978	87,353	678,175	602,253
North Virden Scallion ..	118,498	120,153	809,377	741,738
Other Areas .....	64,621	64,497	431,380	416,767
Total crude oil .....	343,699	324,741	2,327,047	2,139,443

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	July		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Dollard.....	409,765	400,575	2,590,668	2,743,586
Midale .....	412,076	483,066	2,797,060	3,261,559
Nottingham .....	253,149	196,229	1,729,294	1,579,318
Steelman .....	705,102	610,626	5,087,070	5,212,328
Weyburn .....	1,166,674	1,222,239	7,817,745	8,363,807
Other Areas .....	2,636,717	2,588,082	16,202,530	17,987,674
Total crude oil .....	5,583,483	5,500,817	36,224,367	39,148,272

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	July		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Bonnie Glen .....	683,653	619,488	5,565,138	4,788,973
Fenn Big Valley .....	471,696	446,491	3,641,138	3,459,668
Golden Spike .....	335,654	538,085	2,646,056	2,372,840
Joffre .....	416,063	324,667	2,581,078	2,306,637
Judy Creek .....	449,435	305,847	3,109,382	3,548,956
Leduc-Woodbend .....	1,027,983	1,005,411	7,490,200	7,121,817
Pembina .....	3,212,767	3,290,002	21,999,907	23,117,226
Redwater .....	1,411,020	1,393,491	10,751,034	10,107,941
Swan Hills .....	900,993	1,133,853	6,773,613	7,624,137
Wizard Lake .....	406,947	357,595	2,906,030	2,657,672
Other Areas .....	4,330,428	4,749,491	29,977,287	32,154,440
Total crude oil .....	13,646,639	14,164,421	97,440,863	99,260,307

TABLE 6. Production(1) of Natural Gas, by Months, 1962 and 1963

Month	1962	1963
M. cu. ft. (14.65 psia, 60° F)		
January .....	85,314,153	108,066,398
February .....	82,863,607	94,754,872
March .....	84,123,245	98,481,750
April .....	72,764,071	91,145,898
May .....	72,755,363	87,290,519
June .....	68,067,854	78,867,128
July .....	69,356,824	79,910,003
Total seven months .....	535,245,117	638,516,568
August .....	71,955,854	
September .....	74,457,263	
October .....	82,672,333	
November .....	85,534,472	
December .....	96,994,681	
Totals .....	946,859,720	

(1) Does not include waste gas burned in the field.

TABLE 7. Production of Natural Gas, by Province, 1963

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North- west Territories	Canada
M. cu. ft. (14.65 psia, 60° F)							
January ...	10,661	2,074,673	4,768,585	88,889,642	12,316,764	6,073	108,066,398
February ..	12,118	2,939,220	3,912,535	77,668,925	10,215,602	6,472	94,754,872
March .....	13,297	1,690,671	3,547,617	81,668,221	11,555,929	6,015	98,481,750
April .....	8,790	988,825	2,778,702	76,989,647	10,374,001	5,933	91,145,898
May .....	7,409	820,846	3,055,630	73,926,624	9,478,462	1,548	87,290,519
June .....	6,664	780,749	2,735,111	67,182,909	8,154,939	6,756	78,867,128
July .....	6,205	666,550	2,387,634	70,220,311	6,626,574	2,729	79,910,003
Total seven months	65,144	9,961,534	23,185,814	536,546,279	68,722,271	35,526	638,516,568

TABLE 8. Production of Natural Gas by-Products, in Canada, 1963

Month	Pentanes plus (1)	Propane	Butane
barrels			
January .....	1,856,233	408,816	324,828
February .....	1,646,214	481,692	283,203
March .....	1,921,686	368,969	306,890
April .....	1,767,793	317,960	248,147
May .....	1,670,702	354,298	235,665
June .....	1,539,119	340,220	227,654
July .....	<u>1,664,297</u>	<u>311,300</u>	<u>232,130</u>
Total seven months	12,066,044	2,583,255	1,858,517

TABLE 9. Production of Natural Gas by-Products, by Provinces, July 1963

Province	Pentanes plus (1)	Propane	Butane
barrels			
Saskatchewan .....	21,122	41,057	23,849
Alberta .....	1,590,720	240,623	175,963
British Columbia .....	52,455	29,620	32,318
Canada .....	1,664,297	311,300	232,130

(1) "Pentanes plus" replaces the former categories "field condensate", "plant condensate" and "natural gasoline". These changes are summarized in previous bulletins.



CATALOGUE No.

26 - 006

MONTHLY

# Canada. Statistics, Bureau of

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 15, No. 8

Price: 10 cents, \$1.00 a year.

### CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

AUGUST 1963

Output of crude petroleum in Canada during August 1963, amounted to 21,540,234 barrels, compared with 21,000,292 barrels in the previous month.

TABLE 1, Production (1) of Crude Petroleum

Province	August 1962	July 1963	August 1963	Year to date	
				1962	1963
barrels of 35 Imperial gallons					
New Brunswick .....	862	609	710	7,034	5,239
Ontario .....	98,410	104,133	107,555	734,437	786,881
Manitoba .....	336,576	324,695	326,275	2,663,795	2,465,718
Saskatchewan .....	5,686,514	5,500,817	6,316,740	41,861,249	45,512,889
Alberta .....	13,849,198	14,164,421	13,817,698	111,290,061	113,078,005
British Columbia ....	841,793	850,759	914,588	4,940,948	8,095,582
Northwest Territories	62,779	54,858	56,668	369,489	381,320
Canada .....	20,876,132	21,000,292	21,540,234	161,867,013	170,325,634

TABLE 2, Production (1) of Crude Petroleum, by Months, 1962 and 1963

Month	1962	1963
in barrels		
January .....	22,032,684	22,711,354
February .....	20,282,458	21,255,941
March .....	21,830,670	23,323,858r
April .....	18,610,110	18,916,967r
May .....	20,023,498	20,701,355r
June .....	18,147,534	20,875,633r
July .....	20,063,927	21,000,292r
August .....	20,876,132	21,540,234
Total eight months	161,867,013	170,325,634
September .....	20,669,592	
October .....	20,600,891	
November .....	19,679,365	
December .....	21,322,196	
Totals .....	244,139,057	

(1) These figures exclude items listed in Tables 8 and 9. See footnote Table 9  
r Revised

Industry Division

January 1964  
6514-506

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	August		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Daly .....	58,418	51,815	466,533	430,500
Virden-Roselea .....	98,088	85,239	776,263	687,492
North Virden Scallion .	115,296	124,426	924,673	866,164
Other Areas .....	64,774	64,795	496,326	481,562
Total crude oil .....	336,576	326,275	2,663,795	2,465,718

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	August		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Dollard .....	435,352	408,429	3,026,020	3,152,015
Midale .....	473,876	505,498	3,270,936	3,767,057
Nottingham .....	239,787	259,345	1,969,081	1,838,663
Steelman .....	694,861	928,879	5,781,931	6,141,207
Weyburn .....	1,137,808	1,290,074	8,955,553	9,653,881
Other Areas .....	2,659,139	2,924,515	18,861,669	20,912,189
Total crude oil .....	5,640,823	6,316,740	41,865,190	45,465,012

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	August		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Bonnie Glen .....	683,484	549,354	6,248,122	4,793,266
Fenn Big Valley .....	483,979	421,173	4,125,117	3,880,841
Golden Spike .....	324,417	257,390	2,970,473	2,630,230
Joffre .....	358,489	319,738	2,939,567	2,626,375
Judy Creek .....	496,953	515,201	3,606,335	4,064,157
Leduc-Woodbend .....	1,051,812	946,183	8,542,012	8,068,000
Pembina .....	3,264,997	3,369,009	25,264,904	26,486,235
Redwater .....	1,506,063	1,234,014	12,257,097	11,341,955
Swan Hills .....	962,310	1,212,022	7,735,923	8,836,059
Wizard Lake .....	374,112	290,749	3,280,142	2,948,421
Other Areas .....	4,342,582	4,702,865	34,500,369	52,597,734
Total crude oil	13,849,198	13,817,698	111,290,061	113,078,005

TABLE 6. Production(1) of Natural Gas, by Months, 1962 and 1963

Month	1962	1963
	M. cu. ft. (14.65 psia, 60° F)	
January .....	85,314,153	108,066,398
February .....	82,863,607	94,754,872
March .....	84,123,245	98,481,750
April .....	72,764,071	91,145,898
May .....	72,755,363	87,290,519
June .....	68,067,854	78,867,128
July .....	69,356,824	79,910,003
August .....	71,955,854	81,017,325
Total eight months .....	607,200,971	719,533,893
September .....	74,457,263	
October .....	82,672,333	
November .....	85,534,472	
December .....	96,994,681	
Totals .....	946,859,720	

(1) Does not include waste gas burned in the field.

TABLE 7. Production of Natural Gas, by Provinces, 1963

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North- west Terri- tories	Canada
	M. cu. ft. (14.65 psia, 60° F)						
January...	10,661	2,074,673	4,768,585	88,889,642	12,316,764	6,073	108,066,398
February..	12,118	2,939,220	3,912,535	77,668,925	10,215,602	6,472	94,754,872
March ....	13,297	1,690,671	3,547,617	81,668,221	11,555,929	6,015	98,481,750
April ....	8,790	988,825	2,778,702	76,989,647	10,374,001	5,933	91,145,898
May .....	7,409	820,846	3,055,630	73,926,624	9,478,462	1,548	87,290,519
June .....	6,664	780,749	2,735,111	67,182,909	8,154,939	6,756	78,867,128
July .....	6,205	666,550	2,387,634	70,220,311	6,626,574	2,729	79,910,003
August ...	6,233	672,090	2,744,794	70,497,833	7,092,999	3,376	81,017,325
Total eight months	71,377	10,633,624	25,930,608	607,044,112	75,815,270	38,902	719,533,893



TABLE 8. Production of Natural Gas by-Products, in Canada, 1963

Month	Pentanes plus (1)	Propane	Butane
barrels			
January .....	1,856,233	408,816	324,828
February .....	1,646,214	481,692	283,203
March .....	1,921,686	368,969	306,890
April .....	1,767,793	317,960	248,147
May .....	1,670,702	354,298	235,665
June .....	1,539,119	340,220	227,654
July .....	1,664,297	311,300	232,130
August .....	1,604,609	316,273	228,628
Total eight months	13,670,653	2,899,528	2,087,145

TABLE 9. Production of Natural Gas by-Products, by Provinces, August 1963

Province	Pentanes plus (1)	Propane	Butane
barrels			
Saskatchewan .....	25,715	46,158	29,892
Alberta .....	1,532,184	236,157	166,155
British Columbia .....	46,710	33,958	32,581
Canada .....	1,604,609	316,273	228,628

(1) "Pentanes plus" replaces the former categories "field condensate", "plant condensate" and "natural gasoline". These changes are summarized in previous bulletins.

CATALOGUE No.

26 - 006

MONTHLY

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 15, No. 9

Price: 10 cents, \$1.00 a year .

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

September 1963

Output of crude petroleum in Canada during September 1963, amounted to 21,352,419 barrels, compared with 21,540,234 barrels in the previous month.

TABLE 1. Production (1) of Crude Petroleum

Province	September 1962	August 1963	September 1963	Year to date	
				1962	1963
barrels of 35 Imperial gallons					
New Brunswick .....	586	710	608	7,620	5,847
Ontario .....	94,121	107,555	99,253	828,558	886,134
Manitoba .....	322,004	326,275	322,861	2,985,799	2,788,579
Saskatchewan .....	5,519,027	6,316,740	6,292,197	47,380,276	21,805,086
Alberta .....	13,784,106	13,817,698	13,440,845	125,074,167	126,518,850
British Columbia ....	884,640	914,588	1,130,208	5,825,588	9,225,790
Northwest Territories	65,108	56,668	66,447	434,597	447,767
Canada .....	20,669,592	21,540,234	21,352,419	180,536,605	191,678,053

TABLE 2. Production (1) of Crude Petroleum, by Months, 1962 and 1963

Month	1962	1963
in barrels		
January .....	22,032,684	22,711,354
February .....	20,282,458	21,255,941
March .....	21,830,670	23,323,858
April .....	18,610,110	18,916,967
May .....	20,023,498	20,701,355
June .....	18,147,534	20,875,633
July .....	20,063,927	21,000,292
August .....	20,876,132	21,540,234
September .....	20,669,592	21,352,419
Total nine months .....	180,536,605	191,678,053
October .....	20,600,891	
November .....	19,679,365	
December .....	21,322,196	
Totals .....	244,139,057	

(1) These figures exclude items listed in Tables 8 and 9. See footnote Table 9

Industry Division

January 1964

6514-506

ROGER DUHAMEL, F.R.S.C., Queen's Printer and Controller of Stationery, Ottawa

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	September		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Daly .....	56,505	51,750	523,038	482,250
Virden-Roselea .....	95,441	83,686	875,164	771,378
North Virden Scallion ...	108,440	125,513	1,033,113	987,783
Other Areas .....	61,618	61,912	554,484	547,168
Total crude oil .....	322,004	322,861	2,985,799	2,788,579

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	September		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Dollard .....	408,376	396,846	3,434,396	3,548,861
Midale .....	468,644	488,468	3,739,580	4,255,525
Nottingham .....	247,806	258,817	2,216,887	2,097,480
Steelman .....	689,225	963,994	6,471,156	7,105,201
Weyburn .....	1,124,596	1,293,660	10,080,149	10,947,541
Other Areas .....	2,580,944	2,890,412	21,442,613	23,802,601
Total crude oil .....	5,519,591	6,292,197	47,384,781	51,757,209

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	September		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Bonnie Glen .....	678,168	549,537	6,922,433	5,887,864
Fenn Big Valley .....	524,038	426,421	4,649,155	6,307,262
Golden Spike .....	382,199	259,302	3,352,672	2,889,532
Joffre .....	344,317	322,400	3,283,884	2,948,775
Judy Creek .....	451,236	603,145	4,052,650	4,667,302
Leduc-Woodbend .....	1,043,662	646,250	9,585,674	9,014,250
Pembina .....	3,222,103	3,227,605	28,470,830	29,713,840
Redwater .....	1,508,648	1,212,290	13,766,192	12,554,245
Swan Hills .....	879,313	966,323	8,599,298	9,802,482
Wizard Lake .....	341,913	301,963	3,622,054	2,253,484
Other Areas .....	4,408,510	4,925,609	38,769,325	40,479,814
Total crude oil	13,784,106	13,440,845	125,074,167	126,518,850



TABLE 6. Production(1) of Natural Gas, by Months, 1962 and 1963

Month	1962	1963
M. cu. ft. (14.65 psia, 60° F)		
January .....	85,314,153	108,066,398
February .....	82,863,607	94,754,872
March .....	84,123,245	98,481,750
April .....	72,764,071	91,145,898
May .....	72,755,363	87,290,519
June .....	68,067,854	78,867,128
July .....	69,356,824	79,910,003
August .....	71,955,854	81,017,325
September .....	74,457,263	85,867,285
Total nine months .....	681,658,234	805,401,178
October .....	82,672,333	
November .....	85,534,472	
December .....	96,994,681	
Totals .....	946,859,720	

(1) Does not include waste gas burned in the field.

TABLE 7. Production of Natural Gas, by Provinces, 1963

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North- west Terri- tories	Canada
M. cu. ft. (14.65 psia, 60° F)							
January...	10,661	2,074,673	4,768,585	88,889,642	12,316,764	6,073	108,066,398
February..	12,118	2,939,220	3,912,535	77,668,925	10,215,602	6,472	94,754,872
March ....	13,297	1,690,671	3,547,617	81,668,221	11,555,929	6,015	98,481,750
April ....	8,790	988,825	2,778,702	76,989,647	10,374,001	5,933	91,145,898
May .....	7,409	820,846	3,055,630	73,926,624	9,478,462	1,548	87,290,519
June .....	6,664	780,749	2,735,111	67,182,909	8,154,939	6,756	78,867,128
July .....	6,205	666,550	2,387,634	70,220,311	6,626,574	2,729	79,910,003
August ...	6,233	672,090	2,744,794	70,497,833	7,092,999	3,376	81,017,325
September.	6,518	952,045	3,023,204	73,096,339	8,787,151	2,028	85,867,285
Total nine months	77,895	11,585,669	28,953,812	680,140,451	84,602,421	40,930	805,401,178

TABLE 8. Production of Natural Gas by-Products, in Canada, 1963

Month	Pentanes plus (1)	Propane	Butane
barrels			
January .....	1,856,233	408,816	324,828
February .....	1,646,214	481,692	283,203
March .....	1,921,686	368,969	306,890
April .....	1,767,793	317,960	248,147
May .....	1,670,702	354,298	235,665
June .....	1,539,119	340,220	227,654
July .....	1,664,297	311,300	232,130
August .....	1,604,609	316,273	228,628
September .....	1,579,287	323,908	257,913
Total Nine Months .....	15,249,940	3,223,436	2,345,058

TABLE 9. Production of Natural Gas by-Products, by Provinces, September 1963

Province	Pentanes plus (1)	Propane	Butane
barrels			
Saskatchewan .....	26,901	52,947	33,133
Alberta .....	1,485,333	237,457	184,855
British Columbia .....	67,053	33,504	39,925
Canada .....	1,579,287	323,908	257,913

(1) "Pentanes plus" replaces the former categories "field condensate", "plant condensate" and "natural gasoline". These changes are summarized in previous bulletins.

CATALOGUE No.

26-006

MONTHLY

Canada

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 15, No. 10

Price: 10 cents, \$1.00 a year

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

OCTOBER 1963

Output of crude petroleum in Canada during October 1963, amounted to 22,048,316 barrels, compared with 21,352,419 barrels in the previous month.

TABLE 1. Production(1) of Crude Petroleum

Province	October	September	October	Year to date	
	1962 <sup>r</sup>	1963	1963	1962	1963
	barrels of 35 Imperial gallons				
New Brunswick .....	868	608	562	8,488	6,409
Ontario .....	108,929	99,253	107,959	937,487	994,093
Manitoba .....	320,941	322,861	335,779	3,306,740	3,124,358
Saskatchewan .....	5,708,629	6,292,197	6,596,055	53,093,410	58,353,264 <sup>r</sup>
Alberta .....	13,413,678	13,440,845	13,826,351	138,487,845	140,345,201
British Columbia ....	1,013,872	1,130,208	1,121,156	6,839,460	10,346,946
Northwest Territories	54,424	66,447	60,454	489,021	508,221
Canada .....	20,621,341	21,352,419	22,048,316	203,162,451	213,678,492

TABLE 2. Production(1) of Crude Petroleum, by Months, 1962 and 1963

Month	1962 <sup>r</sup>	1963 <sup>r</sup>
	in barrels	
January .....	22,036,982	22,711,354
February .....	20,326,362	21,255,941
March .....	21,845,062	23,323,858
April .....	18,593,013	18,916,967
May .....	20,008,658	20,701,355
June .....	18,164,064	20,875,633
July .....	20,066,372	21,000,292
August .....	20,830,441	21,540,234
September .....	20,670,156	21,352,419
October .....	20,621,341	22,048,316
Total ten months .....	203,162,451	213,726,369
November .....	19,679,365	
December .....	21,322,196	
Totals .....	244,164,012	

(1) These figures exclude items listed in Tables 8 and 9. See footnote Table 9  
<sup>r</sup> Revised figures.

Industry Division

March 1964  
 6514-506



TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	October		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Daly .....	58,094	54,017	581,132	536,267
Virden-Roselea .....	95,106	87,750	970,270	858,928
North Virden Scallion ...	106,266	125,705	1,139,379	1,115,382
Other Areas .....	61,475	68,307	615,959	613,781
Total crude oil .....	320,941	335,779	3,306,740	3,124,358

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	October		Year to date	
	1962 <sup>r</sup>	1963	1962 <sup>r</sup>	1963
barrels of 35 Imperial gallons				
Dollard .....	403,995	404,936	3,838,391	3,953,797
Midale .....	514,236	510,534	4,253,816	4,766,059
Nottingham .....	251,622	259,421	2,468,509	2,356,901
Steelman .....	731,541	1,029,134	7,202,697	8,134,235
Weyburn .....	1,156,202	1,348,841	11,236,351	12,296,382
Other Areas .....	2,651,033	3,043,189	24,093,646	26,845,890
Total crude oil .....	5,708,629	6,596,055	53,093,410	58,353,264

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	October		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Bonnie Glen .....	603,679	555,583	7,526,122	6,443,447
Fenn Big Valley .....	459,109	435,243	5,108,264	4,742,505
Golden Spike .....	252,521	262,630	3,605,193	3,152,162
Joffre .....	357,537	341,550	3,641,421	3,290,325
Judy Creek .....	474,903	540,887	4,527,553	5,208,189
Leduc-Woodbend .....	1,037,201	999,435	10,622,875	10,013,685
Pembina .....	3,248,566	3,264,472	31,719,936	32,978,312
Redwater .....	1,292,832	1,250,899	15,058,577	13,805,144
Swan Hills .....	957,857	1,059,511	9,557,155	10,861,993
Wizard Lake .....	316,019	302,401	3,938,073	3,552,785
Other Areas .....	4,403,454	4,813,740	43,182,676	46,296,654
Total crude oil .....	13,413,678	13,826,351	138,487,845	140,345,201

<sup>r</sup> Revised figures.

TABLE 6. Production(1) of Natural Gas, by Months, 1962 and 1963

Month	1962 <sup>r</sup>	1963 <sup>r</sup>
	M. cu. ft. (14.65 psia, 60° F)	
January .....	85,314,599	108,006,082
February .....	82,864,677	94,670,304
March .....	84,126,192	98,476,919
April .....	72,935,141	91,136,216
May .....	72,717,573	87,281,644
June .....	68,036,230	78,857,619
July .....	69,318,357	79,910,003
August .....	71,971,184	81,013,404
September .....	74,454,154	85,867,285
October .....	82,667,911	92,562,779
Total ten months .....	764,406,018	897,782,255
November .....	85,534,912	
December .....	96,968,150	
Totals .....	946,909,080	

(1) Does not include waste gas burned in the field.

<sup>r</sup> Revised figures.

TABLE 7. Production of Natural Gas, by Provinces, by Months, 1963

Month	New Brunswick	Ontario <sup>r</sup>	Saskatchewan	Alberta	British Columbia	North-west Territories	Canada <sup>r</sup>
	M. cu. ft. (14.65 psia, 60° F)						
January ...	10,661	2,014,357	4,768,585	88,889,642	12,316,764	6,073	108,006,082
February ..	12,118	2,854,652	3,912,535	77,668,925	10,215,602	6,472	94,670,304
March .....	13,297	1,685,840	3,547,617	81,668,221	11,555,929	6,015	98,476,919
April .....	8,790	979,143	2,778,702	76,989,647	10,374,001	5,933	91,136,216
May .....	7,409	811,951	3,055,650 <sup>r</sup>	73,926,624	9,478,462	1,548	87,281,644
June .....	6,664	771,240	2,735,111	67,182,909	8,154,939	6,756	78,857,619
July .....	6,205	666,550	2,387,634	70,220,311	6,626,574	2,729	79,910,003
August .....	6,233	668,169	2,744,794	70,497,833	7,092,999	3,376	81,013,404
September .	6,518	952,045	3,023,204	73,096,339	8,787,151	2,028	85,867,285
October ...	6,697	1,292,972	2,775,122	78,172,185	10,313,783	2,020	92,562,779
Total ten months	84,592	12,696,919	31,728,954	758,312,636	94,916,204	42,950	897,782,255

<sup>r</sup> Revised figures.

TABLE 8. Production of Natural Gas by-Products, in Canada, 1963

Month	Pentanes plus(1)	Propane	Butane
barrels			
January .....	1,856,233	408,816	324,828
February .....	1,646,214	481,692	283,203
March .....	1,921,686	368,969	306,890
April .....	1,767,793	317,960	248,147
May .....	1,670,702	354,298	235,665
June .....	1,539,119	340,220	227,654
July .....	1,664,297	311,300	232,130
August .....	1,604,609	316,273	228,628
September .....	1,579,287	323,908	257,913
October .....	1,735,881	359,604	312,152
Total ten months .....	16,985,821	3,583,040	2,657,210

TABLE 9. Production of Natural Gas by-Products, by Provinces, October 1963

Province	Pentanes plus(1)	Propane	Butane
barrels			
Saskatchewan .....	25,174	53,374	29,538
Alberta .....	1,624,629	270,135	226,166
British Columbia .....	86,078	36,095	56,448
Canada .....	1,735,881	359,604	312,152

(1) "Pentanes plus" replaces the former categories "field condensate", "plant condensate" and "natural gasoline". These changes are summarized in previous bulletins.



CATALOGUE No.

26-006

MONTHLY

Canada. Statistics. Bureau of

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

MAR 31 1964

Vol. 15, No. 11

Price: 10 cents, \$1.00 a year

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

NOVEMBER 1963

Output of crude petroleum in Canada during November 1963, amounted to 21,081,316 barrels, compared with 22,048,316 barrels in the previous month.

TABLE 1. Production(1) of Crude Petroleum

Province	November	October	November	Year to date	
	1962	1963	1963	1962	1963
barrels of 35 Imperial gallons					
New Brunswick .....	848	562	581	9,336	6,990
Ontario .....	101,178	107,959	106,161	1,038,665	1,100,254
Manitoba .....	308,491	335,779	324,008	3,615,231	3,448,366
Saskatchewan .....	5,567,378	6,596,055	6,391,998	58,660,788	64,793,139
Alberta .....	12,653,275	13,826,351	13,151,082	151,141,120	153,496,283
British Columbia ....	1,000,650	1,121,156	1,065,414	7,840,140	11,412,360
Northwest Territories	39,854	60,454	42,072	528,875	550,293
Canada .....	19,671,674	22,048,316	21,081,316	222,834,125	234,807,685

TABLE 2. Production(1) of Crude Petroleum, by Months, 1962 and 1963

Month	1962	1963
in barrels		
January .....	22,036,982	22,711,354
February .....	20,326,362	21,255,941
March .....	21,845,062	23,323,858
April .....	18,593,013	18,916,967
May .....	20,008,658	20,701,355
June .....	18,164,064	20,875,633
July .....	20,066,372	21,000,292
August .....	20,830,441	21,540,234
September .....	20,670,156	21,352,419
October .....	20,621,341	22,048,316
November .....	19,671,674	21,081,316
Total eleven months .....	222,834,125	234,807,685
December .....	21,322,196	
Totals .....	244,156,321	

(1) These figures exclude items listed in Tables 8 and 9. See footnote Table 9.

March 1964

6514-506

Industry Division

ROGER DUHAMEL, F.R.S.C., Queen's Printer and Controller of Stationery, Ottawa

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	November		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Daly .....	55,443	51,333	636,575	587,600
Virden-Roselea .....	91,686	81,558	1,061,956	940,486
North Virden Scallion ...	100,457	117,629	1,239,836	1,233,117
Other Areas .....	60,905	73,488	676,864	687,163
Total crude oil .....	308,491	324,008	3,615,231	3,448,366

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	November		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Dollard .....	376,944	393,259	4,215,335	4,347,056
Midale .....	491,635	498,393	4,745,451	5,264,452
Nottingham .....	250,650	264,111	2,719,159	2,621,012
Steelman .....	766,870	1,023,188	7,969,367	9,157,423
Weyburn .....	1,152,735	1,254,801	12,389,086	13,551,183
Other Areas .....	2,528,544	2,958,246	26,622,390	29,852,013
Total crude oil .....	5,567,378	6,391,998	58,660,788	64,793,139

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	November		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Bonnie Glen .....	489,608	469,417	8,015,730	6,912,864
Fenn Big Valley .....	432,562	404,372	5,531,826	5,146,877
Golden Spike .....	285,088	189,721	3,890,281	3,341,883
Joffre .....	350,876	294,344	3,992,297	3,584,669
Judy Creek .....	466,881	568,574	4,994,434	5,776,763
Leduc-Woodbend .....	965,094	915,186	11,587,969	10,928,871
Pembina .....	3,040,645	3,248,260	34,760,041	36,226,572
Redwater .....	1,153,530	1,138,910	16,212,107	14,944,054
Swan Hills .....	993,489	1,049,543	10,550,644	11,911,536
Wizard Lake .....	302,935	250,000	4,241,008	3,802,785
Other Areas .....	4,172,567	4,622,755	47,364,783	50,919,409
Total crude oil .....	12,653,275	13,151,082	151,141,120	153,496,283

TABLE 6. Production(1) of Natural Gas, by Months, 1962 and 1963

Month	1962	1963
	M. cu. ft. (14.65 psia, 60°F)	
January .....	85,314,599	108,006,082
February .....	82,864,677	94,670,304
March .....	84,126,192	98,476,919
April .....	72,935,141	91,136,216
May .....	72,717,573	87,281,644
June .....	68,036,230	78,857,619
July .....	69,318,357	79,910,003
August .....	71,971,184	81,013,404
September .....	74,454,154	85,867,285
October .....	82,667,911	92,562,779
November .....	85,534,912	104,376,921
Total eleven months .....	849,940,930	1,002,159,176
December .....	96,968,150	
Totals .....	946,909,080	

(1) Does not include waste gas burned in the field.

TABLE 7. Production of Natural Gas, by Provinces, by Months, 1963

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	North- west Terri- tories	Canada
	M. cu. ft. (14.65 psia, 60°F)						
January ..	10,661	2,014,357	4,768,585	88,889,642	12,316,764	6,073	108,006,082
February .	12,118	2,854,652	3,912,535	77,668,925	10,215,602	6,472	94,670,304
March ....	13,297	1,685,840	3,547,617	81,668,221	11,555,929	6,015	98,476,919
April ....	8,790	979,143	2,778,702	76,989,647	10,374,001	5,933	91,136,216
May .....	7,409	811,951	3,055,650	73,926,624	9,478,462	1,548	87,281,644
June .....	6,664	771,240	2,735,111	67,182,909	8,154,939	6,756	78,857,619
July .....	6,205	666,550	2,387,634	70,220,311	6,626,574	2,729	79,910,003
August ...	6,233	668,169	2,744,794	70,497,833	7,092,999	3,376	81,013,404
September	6,518	952,045	3,023,204	73,096,339	8,787,151	2,028	85,867,285
October ..	6,697	1,292,972	2,775,122	78,172,185	10,313,783	2,020	92,562,779
November .	7,321	1,340,464	3,246,220	88,867,199	10,912,355	3,362	104,376,921
Total eleven months	91,913	14,037,383	34,975,174	847,179,835	105,828,559	46,312	1,002,159,176



TABLE 8. Production of Natural Gas by-Products, in Canada, 1963

Month	Pentanes plus (1)	Propane	Butane
barrels			
January .....	1,856,233	408,816	324,828
February .....	1,646,214	481,692	283,203
March .....	1,921,686	368,969	306,890
April .....	1,767,793	317,960	248,147
May .....	1,670,702	354,298	235,665
June .....	1,539,119	340,220	227,654
July .....	1,664,297	311,300	232,130
August .....	1,604,609	316,273	228,628
September .....	1,579,287	323,908	257,913
October .....	1,735,881	359,604	312,152
November .....	1,862,002	420,470	324,517
Total eleven months .....	18,847,823	4,003,510	2,981,727

TABLE 9. Production of Natural Gas by-Products, by Provinces, November 1963

Province	Pentanes plus (1)	Propane	Butane
barrels			
Saskatchewan .....	23,988	57,627	31,934
Alberta .....	1,766,598	317,272	233,863
British Columbia .....	71,416	45,571	58,720
Canada .....	1,862,002	420,470	324,517

(1) "Pentanes plus" replaces the former categories "field condensate", "plant condensate" and "natural gasoline". These changes are summarized in previous bulletins.

CATALOGUE No.

26-006

MONTHLY

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 15, No. 12

Price: 10 cents, \$1.00 a year

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

DECEMBER 1963

Output of crude petroleum in Canada during December 1963, amounted to 23,627,109 barrels, compared with 21,081,316 barrels in the previous month.

TABLE 1. Production(1) of Crude Petroleum

Province	December 1962	November 1963	December 1963	Year to date	
				1962(2)	1963(2)
barrels of 35 Imperial gallons					
New Brunswick .....	997	581	433	10,333	7,423
Ontario .....	95,579	106,161	104,569	1,134,244	1,204,823
Manitoba .....	311,452	324,008	322,797	3,926,683	3,771,163
Saskatchewan .....	5,768,123	6,391,998	6,561,875	64,385,553	71,307,137
Alberta .....	13,983,847	13,151,082	15,466,185	165,124,967	168,947,395
British Columbia ....	1,075,033	1,065,414	1,110,976	8,915,143	12,528,681
Northwest Territories	66,727	42,072	60,274	595,602	610,567
Canada .....	21,301,758	21,081,316	23,627,109	244,092,525	258,377,189

TABLE 2. Production(1) of Crude Petroleum, by Months, 1962 and 1963

Month	1962	1963
in barrels		
January .....	22,036,982	22,711,354
February .....	20,326,362	21,255,941
March .....	21,845,062	23,323,858
April .....	18,593,013	18,916,967
May .....	20,008,658	20,701,355
June .....	18,164,064	20,875,633
July .....	20,066,372	21,000,292
August .....	20,830,441	21,540,234
September .....	20,670,156	21,352,419
October .....	20,621,341	22,048,316
November .....	19,671,674	21,081,316
December .....	21,301,758	23,627,109
Totals .....	244,135,883	258,434,794

(1) These figures exclude items listed in Tables 8 and 9. See footnote Table 9.

(2) Total cumulative figures have been amended.

April 1964

6514-506

Industry Division

ROGER DUHAMEL, F.R.S.C., Queen's Printer and Controller of Stationery, Ottawa

TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	December		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Daly .....	57,125	54,937	693,700	642,537
Virden-Roselea .....	90,654	81,616	1,152,610	1,022,102
North Virden Scallion ...	103,525	114,579	1,343,361	1,347,696
Other Areas .....	60,148	71,665	737,012	758,828
Total crude oil .....	311,452	322,797	3,926,683	3,771,163

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	December		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Dollard .....	365,609	393,185	4,580,944	4,740,241
Midale .....	481,586	516,737	5,227,037	5,781,189
Nottingham .....	262,370	260,781	2,981,529	2,881,793
Steelman .....	834,899	1,048,028	8,804,466	10,205,451
Weyburn .....	1,189,725	1,236,756	13,578,811	14,787,939
Other Areas .....	2,633,934	3,106,388	29,212,766	32,910,524
Total crude oil .....	5,768,123	6,561,875	64,385,553	71,307,137

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	December		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Bonnie Glen .....	693,460	726,780	8,714,836	7,678,861
Fenn Big Valley .....	468,643	485,226	6,000,469	5,632,103
Golden Spike .....	332,636	362,010	4,222,917	3,705,486
Joffre .....	347,874	328,040	4,340,171	3,912,709
Judy Creek .....	489,084	631,464	5,488,439	6,411,309
Leduc-Woodbend .....	1,047,336	1,012,412	12,635,305	11,955,209
Pembina .....	3,265,407	3,485,721	38,041,625	39,746,918
Redwater .....	1,456,405	1,471,606	17,668,512	16,415,660
Swan Hills .....	978,021	1,251,754	11,549,961	13,213,766
Wizard Lake .....	353,681	424,920	4,594,689	4,248,397
Other Areas .....	4,551,300	5,286,252	51,868,043	56,026,977
Total crude oil .....	13,983,847	15,466,185	165,124,967	168,947,395



TABLE 6. Production(1) of Natural Gas, by Months, 1962 and 1963

Month	1962	1963
	M. cu. ft. (14.65 psia, 60° F)	
January .....	85,314,599	108,006,082
February .....	82,864,677	94,670,304
March .....	84,126,192	98,476,919
April .....	72,935,141	91,136,216
May .....	72,717,573	87,281,644
June .....	68,036,230	78,857,619
July .....	69,318,357	79,910,003
August .....	71,971,184	81,013,404
September .....	74,454,154	85,867,285
October .....	82,667,911	92,562,779
November .....	85,534,912	104,376,921
December .....	96,968,150	114,057,890
Totals .....	946,909,080	1,116,217,066

(1) Does not include waste gas burned in the field.

TABLE 7. Production of Natural Gas, by Provinces, by Months, 1963

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Canada	
M. cu. ft. (14.65 psia, 60° F)							
January ..	10,661	2,014,357	4,768,585	88,889,642	12,316,764	6,073	108,006,082
February .	12,118	2,854,652	3,912,535	77,668,925	10,215,602	6,472	94,670,304
March ....	13,297	1,685,840	3,547,617	81,668,221	11,555,929	6,015	98,476,919
April ....	8,790	979,143	2,778,702	76,989,647	10,374,001	5,933	91,136,216
May .....	7,409	811,951	3,055,650	73,926,624	9,478,462	1,548	87,281,644
June .....	6,664	771,240	2,735,111	67,182,909	8,154,939	6,756	78,857,619
July .....	6,205	666,550	2,387,634	70,220,311	6,626,574	2,729	79,910,003
August ...	6,233	668,169	2,744,794	70,497,833	7,092,999	3,376	81,013,404
September	6,518	952,045	3,023,204	73,096,339	8,787,151	2,028	85,867,285
October ..	6,697	1,292,972	2,775,122	78,172,185	10,313,783	2,020	92,562,779
November .	7,321	1,340,464	3,246,220	88,867,199	10,912,355	3,362	104,376,921
December .	11,609	1,904,755	4,034,353	96,175,138	11,927,009	5,026	114,057,890
Total twelve months	103,522	15,942,138	39,009,527	943,354,973	117,755,568	51,338	1,116,217,066

TABLE 8. Production of Natural Gas by-Products, in Canada, 1963

Month	Pentanes plus (1)	Propane	Butane
barrels			
January .....	1,856,233	408,816	324,828
February .....	1,646,214	481,692	283,203
March .....	1,921,686	368,969	306,890
April .....	1,767,793	317,960	248,147
May .....	1,670,702	354,298	235,665
June .....	1,539,119	340,220	227,654
July .....	1,664,297	311,300	232,130
August .....	1,604,609	316,273	228,628
September .....	1,579,287	323,908	257,913
October .....	1,735,881	359,604	312,152
November .....	1,862,002	420,470	324,517
December .....	2,142,377	611,518	440,802
Total twelve months .....	20,990,200	4,615,028	3,422,529

TABLE 9. Production of Natural Gas by-Products, by Provinces, December 1963

Province	Pentanes plus (1)	Propane	Butane
barrels			
Saskatchewan .....	25,634	59,458	32,548
Alberta .....	2,038,595	500,489	349,346
British Columbia .....	78,148	51,571	58,908
Canada .....	2,142,377	611,518	440,802

(1) "Pentanes plus" replaces the former categories "field condensate", "plant condensate" and "natural gasoline". These changes are summarized in previous bulletins.

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Canada. Statistics, Bureau of

DOMINION BUREAU OF STATISTICS

(OTTAWA - CANADA)

(Published by Authority of the Minister of Trade and Commerce)

CATALOGUE No.

26-006

MONTHLY)

Vol. 16, No. 1

Price: 20 cents, \$2.00 a year

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

JANUARY 1964

Crude oil and equivalent production increased 7.1 per cent to 26,300,229 barrels (848,394 barrels/day) in January 1964 from 24,567,587 barrels in January 1963. Production of pentanes plus amounted to 2,124,448 barrels. The disposition of Canadian crude oil and equivalent was 66.3 per cent to Canadian refineries and 32.7 per cent was exported.

Natural gas production amounted to 123,141,883 Mcf. including an estimated carry-over of 4,000,000 Mcf. unreported December production. This was an increase of 14.6 per cent from 107,482,839 Mcf. in January 1963. Of the total production of 123.1 million Mcf., 7.5 million was net deliveries to storage operations, 19.8 million was used, lost or unaccounted for in fields and processing plants, 6.3 million was exported, 27.9 million was sold to ultimate customers in the prairies, 22.9 million in Ontario, 4.7 million in British Columbia and 2.8 million in Quebec. The remainder was small deliveries, line pack changes etc.

This report is the first of a revised series which has several conceptual revisions or additions. Table 1 includes all crude oil and equivalent hydrocarbon production of condensates, natural gasoline and pentanes plus. Pentanes plus represent the production of crude oil equivalents at processing plants while crude oil production is production in the fields.

Table 2, Supply and Disposition of Crude Oil and Equivalent was formerly published in "Refined Petroleum Products", Catalogue 45-004. Disposition is given to the first stage of marketing either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by the refiners in field and pipeline are included in Table 2, while inventories held by the refiners in a refinery complex are excluded. Additional details on the movements of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue 55-001.

All volumes of crude oil are given in barrels of 35 Canadian Standard ("Imperial") gallons at 60°F. Additional details of production are published by the individual provinces.

Table 3 Supply and Disposition of Natural Gas is a new series introduced for the first time. Disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste are not considered as net new production; however processing plant flared and waste are included and constitute a disposition and use.

Marketable gas is taken to include all gas purchased by gas utilities either directly from fields or from processing plants, and represents the basic point of trade between producers and purchasers.

A companion publication, "Natural Gas Utilities", Catalogue 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue 45-005 provides details on the sales and revenues by rate categories.

All volumes of gas are given in cubic feet measured at 14.73 p.s.i.a. and 60°F.

Industry Division

June 1964  
511-515



TABLE 1. Production of Crude Oil, Condensate, Natural Gasoline and Pentanes Plus by Month, by Province 1964

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
<u>Crude oil and condensate</u>								
January .....	666	105,271	328,262	6,708,040	15,996,584	992,783	44,175	24,175,781
February .....								
March .....								
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
<u>Pentanes plus</u>								
January .....	-	-	-	23,375	2,016,981	84,092	-	2,124,448
February .....								
March .....								
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total January 1964 .....	666	105,271	328,262	6,731,415	18,013,565	1,076,875	44,175	26,300,229
Total year to date .....	666	105,271	328,262	6,731,415	18,013,565	1,076,875	44,175	26,300,229
Total January 1963 .....	835	93,608	292,664	5,693,640	17,283,471	1,158,603	44,766	24,567,587

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 "Imperial" gallons										
<u>New supply</u>										
Domestic production:										
Crude oil .....	666	105,271	328,262	6,708,040	15,883,499	989,602	44,175	24,059,515	...	24,059,515
Condensate .....	-	-	-	-	113,085	3,181	-	116,266	...	116,266
Pentanes plus .....	-	-	-	23,375	2,016,981	84,092	-	2,124,448	...	2,124,448
Total crude oil and equivalent	666	105,271	328,262	6,731,415	18,013,565	1,076,875	44,175	26,300,229	...	26,300,229
Imports .....	...	...	...	...	...	...	...	...	11,960,558	11,960,558
Total new supply .....	666	105,271	328,262	6,731,415	18,013,565	1,076,875	44,175	26,300,229	11,960,558	38,260,787
<u>Disposition</u>										
Deliveries to refineries:										
Atlantic Provinces .....	1,202	-	-	-	-	-	-	1,202	3,400,642	3,401,844
Quebec .....	-	-	-	-	-	-	-	-	8,609,807	8,609,807
Ontario .....	-	105,271	240,306	3,530,390	5,101,982	-	-	8,977,949	-	8,977,949
Manitoba .....	-	-	82,135	963,989	197,652	-	-	1,243,776	-	1,243,776
Saskatchewan .....	-	-	-	454,635	1,418,651	-	-	1,873,286	-	1,873,286
Alberta .....	-	-	-	6,719	2,592,840	-	-	2,599,559	-	2,599,559
British Columbia .....	-	-	-	-	1,529,633	1,165,179	-	2,694,812	-	2,694,812
Northwest Territories .....	-	-	-	-	-	-	36,500	36,500	-	36,500
Totals .....	1,202	105,271	322,441	4,955,733	10,840,758	1,165,179	36,500	17,427,084	12,010,449	29,437,533
Exports to U.S.A.:										
Northwest Area:										
West of Rocky Mountains .....	-	-	-	-	4,136,735	57,466	-	4,194,201	...	4,194,201
East of Rocky Mountains .....	-	-	-	-	476,228	-	-	476,228	...	476,228
Great Lakes Area .....	-	-	-	1,718,834	2,212,452	-	-	3,931,286	...	3,931,286
Totals .....	-	-	-	1,718,834	6,825,415	57,466	-	8,601,715	...	8,601,715
Deliveries to other purchasers ..	-	-	-	301	11,684	-	-	11,985	...	11,985
Inventories:										
Opening - Field and plant .....	-	-	71,710	397,717	1,260,348	62,585	68,241	1,860,601	...	1,860,601
Transporters' .....	-	-	12,400	4,629,543	14,890,535	1,129,607	-	20,662,085	273,014	20,935,099
Closing - Field and plant .....	-	-	73,189	393,262	1,194,191	57,887	75,916	1,794,445	...	1,794,445
Transporters' .....	-	-	13,700	4,580,836	15,124,649	988,488	-	20,707,673	226,837	20,934,510
Net change .....	-	-	2,779	- 53,162	167,957	- 145,817	7,675	- 20,568	- 46,177	- 66,745
Pipeline fuel .....	-	-	-	-	31,607	-	-	31,607	-	31,607
Field and plant use .....	-	-	-	359	16,716	1,043	-	18,118	...	18,118
Losses and adjustments .....	- 536	-	3,042	109,350	119,428	- 996	-	230,288	- 3,714	226,574
Total disposition .....	666	105,271	328,262	6,731,415	18,013,565	1,076,875	44,175	26,300,229	11,960,558	38,260,787

... Figures not appropriate or not applicable.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, January 1964

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	13,661	1,153,281	6,043,877
2	Less field flared and waste .....	-	-	1,861,397
3	Net new production (1 - 2) .....	13,661	1,153,281	4,182,480
	<u>Disposition</u>			
4	Field disposition and uses .....	154	-	156,482
5	Gathering system disposition and uses .....	-	-	38,752
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	175,409
6b	Other disposition and uses .....	-	-	203,351
7	Field injection and storage:			
7a	Injected and stored .....	-	-	101,821
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	101,821
8	Other uses .....	-	-	223,537
9	Adjustment .....	-	-	-
10	Deliveries of marketable gas .....	13,507	1,153,281	3,283,128
11	Total disposition .....	13,661	1,153,281	4,182,480
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	2,511,677
12b	Fields .....	13,507	1,153,281	771,451
13	Total (12a + 12b) .....	13,507	1,153,281	3,283,128
14	Receipts from distributor storage .....	-	5,764,984	132,301
15	Other receipts(1) .....	-	770	-
16	Total supply of marketable gas (13 + 14 + 15)	13,507	6,919,035	3,415,429
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	2,951,269
20	Manitoba .....	-	-	472,773
21	Ontario .....	-	6,838,034	-
22	Quebec .....	-	-	-
23	New Brunswick .....	7,750	-	-
24	Total sales (17 to 23 inclusive) .....	7,750	6,838,034	3,424,042
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	115,102
28	Pipeline line pack fluctuation .....	-	-	- 19,056
29	Pipeline fuel .....	-	35,278	54,671
30	Pipeline losses etc. ....	5,757	45,723	- 159,330
31	Total disposition of marketable gas (24 to 30 inclusive) .....	13,507	6,919,035	3,415,429

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.



TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, January 1964

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
108,813,597	14,307,815	67,057	130,399,288	-	130,399,288	1
4,192,917	1,139,716	63,375	7,257,405	-	7,257,405	2
104,620,680	13,168,099	3,682	123,141,883	-	123,141,883	3
496,916	281,041	-	934,593	-	934,593	4
397,588	-	-	436,340	-	436,340	5
8,764,474	555,889	-	9,495,772	-	9,495,772	6a
4,189,685	789,455	-	5,182,491	-	5,182,491	6b
13,407,291	-	-	13,509,112	-	13,509,112	7a
560,706	-	-	560,706	-	560,706	7b
12,846,585	-	-	12,948,406	-	12,948,406	7c
88,430	-	3,682	315,649	-	315,649	8
3,296,040	134,637	-	3,430,677	-	3,430,677	9
74,540,962	11,407,077	-	90,397,955	-	90,397,955	10
104,620,680	13,168,099	3,682	123,141,883	-	123,141,883	11
60,171,355	11,014,261	-	73,697,293	-	73,697,293	12a
14,369,607	392,816	-	16,700,662	-	16,700,662	12b
74,540,962	11,407,077	-	90,397,955	-	90,397,955	13
178,048	-	-	6,075,333	-	6,075,333	14
64,766	-	-	65,536	-	65,536	15
74,783,776	11,407,077	-	96,538,824	12,330	96,551,154	16
1,078,105	3,571,947	-	4,650,052	-	4,650,052	17
18,785,522	-	-	18,785,522	12,330	18,797,852	18
2,375,572	-	-	5,326,841	-	5,326,841	19
3,364,321	-	-	3,837,094	-	3,837,094	20
16,052,651	-	-	22,890,685	-	22,890,685	21
2,770,552	-	-	2,770,552	-	2,770,552	22
-	-	-	7,750	-	7,750	23
44,426,723	3,571,947	-	58,268,496	12,330	58,280,826	24
28,834,295	7,507,679	-	36,341,974	-	36,341,974	25
241,750	-	-	241,750	-	241,750	26
483,973	-	-	599,075	-	599,075	27
30,122	- 46,894	-	- 35,828	-	- 35,828	28
2,366,763	214,958	-	2,671,670	-	2,671,670	29
- 1,599,850	159,387	-	- 1,548,313	-	- 1,548,313	30
74,783,776	11,407,077	-	96,538,824	12,330	96,551,154	31

TABLE 4. Production of Natural Gas by Month, by Province, 1964

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
Mcf. at 14.73 p.s.i.a. and 60°F							
January .....	13,661	1,153,281	4,182,480	104,620,680	13,168,099	3,682	123,141,883
February .....							
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Total year to date .....	13,661	1,153,281	4,182,480	104,620,680	13,168,099	3,682	123,141,883
Total January 1963 .....	10,603	2,063,470	4,742,835	88,409,638	12,250,253	6,040	107,482,839

TABLE 5. Production of Propane and Butanes from Natural Gas by Month, by Province, 1964

Month	Propane				Butanes			
	Saskatchewan	Alberta	British Columbia	Canada	Saskatchewan	Alberta	British Columbia	Canada
barrels of 35 "Imperial" gallons								
January .....	56,111	496,469	21,766	574,346	29,680	351,803	37,511	418,994
February .....								
March .....								
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total year to date .....	56,111	496,469	21,766	574,346	29,680	351,803	37,511	418,994
Total January 1963 .....	51,962	304,358	25,201	381,521	28,796	235,123	39,149	303,068







(CATALOGUE No.

26-006

MONTHLY/

Canada. Statistics. Bureau of  
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# DOMINION BUREAU OF STATISTICS

(OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 16, No. 2

Price: 20 cents, \$2.00 a year

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION.

FEBRUARY 1964

Crude oil and equivalent production increased to 25,088,520 barrels (865,121 barrels/day) in February 1964 from 22,902,155 barrels last year, up 9.5 per cent. Production of pentanes plus amounted to 1,990,632 barrels. The disposition of Canadian crude oil and equivalent was 65.3 per cent to Canadian refineries and 34.3 per cent was exported.

Natural gas production increased 21.1 per cent to 114,082,654 Mcf. from 94,243,196 Mcf. in February 1963. Of the total production of 114.1 million Mcf., 7.9 million was net deliveries to storage and injection operations, 18.3 million was used, lost or unaccounted for in fields and processing plants, 34.2 million was exported, 23.7 million was sold to ultimate customers in the prairies, 20.7 million in Ontario, 4.2 million in British Columbia and 2.6 million in Quebec. The remainder was other deliveries, line pack changes, etc.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent, was formerly published in "Refined Petroleum Products", Catalogue number 45-004. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Additional details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian ("Imperial") gallons at 60°F. Additional details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition and use.

Marketable gas is taken to include all gas purchased by gas utilities either directly from fields or from processing plants, and represents the basic point of trade between producers and purchasers.

A companion publication, "Natural Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas are given in thousand cubic feet measured at 14.73 p.s.i.a. and 60°F.

Industry Division

July 1964  
6511-515

TABLE 1. Production of Crude Oil, Condensate and Pentanes Plus by Month, by Province 1964

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
<u>Crude oil and condensate</u>								
January .....	666	105,271	328,262	6,708,040	15,996,584	992,783	44,175	24,175,781
February .....	398	99,211	321,185	6,388,363	15,311,130	912,755	64,846	23,097,888
March .....								
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
<u>Pentanes plus</u>								
January .....	-	-	-	23,375	2,016,981	84,092	-	2,124,448
February .....	-	-	-	22,632	1,887,373	80,627	-	1,990,632
March .....								
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total February 1964 .....	398	99,211	321,185	6,410,995	17,198,503	993,022	64,846	25,088,520
Total year to date .....	1,064	204,482	649,447	13,142,410	35,212,068	2,070,257	109,021	51,388,749
Total February 1963 .....	1,008	86,574	270,421	5,275,139	16,158,861	1,060,119	50,033	22,902,155



TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada February 1964

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 "Imperial" gallons										
<u>New supply</u>										
Domestic production:										
Crude oil .....	398	99,211	321,185	6,388,363	15,251,076	910,099	64,846	23,035,178	...	23,035,178
Condensate .....	-	-	-	-	60,054	2,656	-	62,710	...	62,710
Pentanes plus .....	-	-	-	22,632	1,887,373	80,627	-	1,990,632	...	1,990,632
Total crude oil and equivalent	398	99,211	321,185	6,410,995	17,198,503	993,382	64,846	25,088,520	...	25,088,520
Imports .....	...	...	...	...	...	...	...	...	11,426,407	11,426,407
Total new supply .....	398	99,211	321,185	6,410,995	17,198,503	993,382	64,846	25,088,520	11,426,407	36,514,927
<u>Disposition</u>										
Deliveries to refineries:										
Atlantic Provinces .....	398	-	-	-	-	-	-	398	3,368,389	3,368,787
Quebec .....	-	-	-	-	-	-	-	-	8,093,749	8,093,749
Ontario .....	-	99,211	237,420	3,738,189	4,551,003	-	-	8,645,823	-	8,645,823
Manitoba .....	-	-	81,770	691,934	393,923	-	-	1,167,627	-	1,167,627
Saskatchewan .....	-	-	-	370,628	1,366,282	-	-	1,736,910	-	1,736,910
Alberta .....	-	-	-	1,989	2,267,846	-	-	2,269,835	-	2,269,835
British Columbia .....	-	-	-	-	1,719,212	805,121	-	2,524,333	-	2,524,333
Northwest Territories .....	-	-	-	-	-	-	50,397	50,397	-	50,397
Totals .....	398	99,211	319,190	4,822,740	10,298,266	805,121	50,397	16,395,323	11,462,138	27,857,461
Exports to U.S.A.:										
Northwest Area:										
West of Rocky Mountains .....	-	-	-	-	4,244,135	108,778	-	4,352,913	...	4,352,913
East of Rocky Mountains .....	-	-	-	-	368,942	-	-	368,942	...	368,942
Great Lakes Area .....	-	-	-	1,504,540	2,368,008	-	-	3,872,548	...	3,872,548
Totals .....	-	-	-	1,504,540	6,981,085	108,778	-	8,594,403	...	8,594,403
Deliveries to other purchasers ..	-	-	-	451	8,654	-	-	9,105	...	9,105
Inventories:										
Opening - Field and plant .....	-	-	73,189	393,262	1,194,191	57,887	75,916	1,794,445	...	1,794,445
Transporters' .....	-	-	13,700	4,580,836	15,124,649	988,488	-	20,707,673	226,837	20,934,510
Closing - Field and plant .....	-	-	75,152	427,153	1,205,333	62,013	82,690	1,852,341	...	1,852,341
Transporters' .....	-	-	13,118	4,576,800	14,924,092	1,072,969	-	20,586,979	188,990	20,775,969
Net change .....	-	-	1,381	29,855	- 189,415	88,607	6,774	- 62,798	- 37,847	- 100,645
Pipeline fuel .....	-	-	-	159	42,092	-	-	42,251	-	42,251
Field and plant use .....	-	-	-	359	18,654	1,842	-	20,855	...	20,855
Losses and adjustments .....	-	-	614	52,891	39,167	- 10,966	7,675	89,381	2,116	91,497
Total disposition .....	398	99,211	321,185	6,410,995	17,198,503	993,382	64,846	25,088,520	11,426,407	36,514,927

... Figures not appropriate or not applicable.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, February 1964

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	12,317	1,886,872	5,559,718
2	Less field flared and waste .....	-	-	1,730,345
3	Net new production (1 - 2) .....	12,317	1,886,872	3,829,373
	<u>Disposition</u>			
4	Field disposition and uses .....	58	-	175,522
5	Gathering system disposition and uses .....	-	-	25,243
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	167,153
6b	Other disposition and uses .....	-	-	144,757
7	Field injection and storage:			
7a	Injected and stored .....	-	-	92,189
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	92,189
8	Other uses .....	-	-	169,218
9	Adjustment .....	-	-	-
10	Deliveries of marketable gas .....	12,259	1,886,872	3,055,291
11	Total disposition .....	12,317	1,886,872	3,829,373
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	2,411,347
12b	Fields .....	12,259	1,886,872	643,944
13	Total (12a + 12b) .....	12,259	1,886,872	3,055,291
14	Receipts from distributor storage .....	-	4,539,092	110,269
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	12,259	6,425,964	3,165,560
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	2,514,103
20	Manitoba .....	-	-	462,114
21	Ontario .....	-	6,402,364	-
22	Quebec .....	-	-	-
23	New Brunswick .....	6,720	-	-
24	Total sales (17 to 23 inclusive) .....	6,720	6,402,364	2,976,217
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	264,829
28	Pipeline line pack fluctuation .....	-	-	6
29	Pipeline fuel .....	-	37,180	50,479
30	Pipeline losses etc. ....	5,539	- 13,580	- 125,971
31	Total disposition of marketable gas (24 to 30 inclusive) .....	12,259	6,425,964	3,165,560

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, February 1964

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
100,164,711	12,869,326	80,439	120,573,383	-	120,573,383	1
3,633,587	1,050,819	75,978	6,490,729	-	6,490,729	2
96,531,124	11,818,507	4,461	114,082,654	-	114,082,654	3
856,815	142,230	-	1,174,625	-	1,174,625	4
411,134	-	-	436,377	-	436,377	5
8,067,408	526,893	-	8,761,454	-	8,761,454	6a
3,668,086	557,792	-	4,370,635	-	4,370,635	6b
12,472,438	-	-	12,564,627	-	12,564,627	7a
511,444	-	-	511,444	-	511,444	7b
11,960,994	-	-	12,053,183	-	12,053,183	7c
79,905	-	4,461	253,584	-	253,584	8
3,264,557	62,313	-	3,326,870	-	3,326,870	9
68,222,225	10,529,279	-	83,705,926	-	83,705,926	10
96,531,124	11,818,507	4,461	114,082,654	-	114,082,654	11
55,901,301	10,147,668	-	68,460,316	-	68,460,316	12a
12,320,924	381,611	-	15,245,610	-	15,245,610	12b
68,222,225	10,529,279	-	83,705,926	-	83,705,926	13
69,688	-	-	4,719,049	-	4,719,049	14
18,340	-	-	18,340	-	18,340	15
68,310,253	10,529,279	-	88,443,315	9,898	88,453,213	16
1,034,721	3,169,530	-	4,204,251	-	4,204,251	17
15,892,100	-	-	15,892,100	9,898	15,901,998	18
1,854,899	-	-	4,369,002	-	4,369,002	19
2,984,302	-	-	3,446,416	-	3,446,416	20
14,341,815	-	-	20,744,179	-	20,744,179	21
2,579,489	-	-	2,579,489	-	2,579,489	22
-	-	-	6,720	-	6,720	23
38,687,326	3,169,530	-	51,242,157	9,898	51,252,055	24
27,200,459	7,009,812	-	34,210,271	-	34,210,271	25
211,370	-	-	211,370	-	211,370	26
479,448	-	-	744,277	-	744,277	27
- 1,017	11,548	-	10,537	-	10,537	28
2,369,769	188,226	-	2,645,654	-	2,645,654	29
- 637,102	150,163	-	- 620,951	-	- 620,951	30
68,310,253	10,529,279	-	88,443,315	9,898	88,453,213	31



TABLE 4. Production of Natural Gas by Month, by Province, 1964

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
Mcf. at 14.73 p.s.i.a. and 60°F							
January .....	13,661	1,153,281	4,182,480	104,620,680	13,168,099	3,682	123,141,883
February .....	12,317	1,886,872	3,829,373	96,531,124	11,818,507	4,461	114,082,654
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Total year to date .....	25,978	3,040,153	8,011,853	201,151,804	24,986,606	8,143	237,224,537
Total February 1963 .....	12,053	2,923,348	3,891,407	77,249,513	10,160,438	6,437	94,243,196

TABLE 5. Production of Propane and Butanes from Natural Gas by Month, by Province, 1964

Month	Propane				Butanes			
	Saskatchewan	Alberta	British Columbia	Canada	Saskatchewan	Alberta	British Columbia	Canada
barrels of 35 "Imperial" gallons								
January .....	56,111	496,469	21,766	574,346	29,680	351,803	37,511	418,994
February .....	52,676	434,516	18,776	505,968	29,412	322,486	37,596	389,494
March .....								
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total year to date .....	108,787	930,985	40,542	1,080,314	59,092	674,289	75,107	808,488
Total February 1963 .....	49,014	387,073	23,285	459,372	25,542	206,774	35,303	267,619







Doc  
CATALOGUE No.

26-006

MONTHLY)

Canada. Statistics, Bureau of

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 16, No. 3

Price: 20 cents, \$2.00 a year

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION.

MARCH 1964

Crude oil and equivalent production increased 10.7 per cent to 25,720,959 barrels (829,708 barrels/day) in March 1964 from 23,238,015 barrels last year. Production of pentanes plus amounted to 2,043,091 barrels. The disposition of Canadian crude oil and equivalent was 64.6 per cent to Canadian refineries, 32.7 per cent was exported and other disposition accounted for 2.7 per cent.

Natural gas production increased 16.4 per cent to 114,595,148 Mcf. from 98,481,750 Mcf. in March 1963. Of the total production of 114.6 million Mcf., 9.1 million was net deliveries to storage and injection operations, 13.6 million was used, lost or unaccounted for in fields and processing plants, 34.6 million was exported, 24.0 million was sold to ultimate customers in the prairies, 20.6 million in Ontario, 4.4 million in British Columbia and 2.8 million in Quebec. The remaining 5.5 million Mcf. was accounted for by other deliveries, line pack changes, etc.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent, was formerly published in "Refined Petroleum Products", Catalogue number 45-004. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Additional details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian ("Imperial") gallons at 60°F. Additional details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition and use.

Marketable gas is taken to include all gas purchased by gas utilities either directly from fields or from processing plants, and represents the basic point of trade between producers and purchasers.

A companion publication, "Natural Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas are given in thousand cubic feet measured at 14.73 p.s.i.a. and 60°F.

Industry Division

July 1964  
6511-515

TABLE 1. Production of Crude Oil, Condensate and Pentanes Plus by Month, by Province, 1964

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
	barrels of 35 "imperial" gallons							
<u>Crude oil and condensate</u>								
January .....	666	105,271	328,262	6,708,040	15,996,584	992,783	44,175	24,175,781
February .....	398	99,211	321,185	6,388,363	15,311,130	912,755	64,846	23,097,888
March .....	477	112,700	346,811	6,822,575	15,363,508	996,094	35,703	23,677,868
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
<u>Pentanes plus</u>								
January .....	-	-	-	23,375	2,016,981	84,092	-	2,124,448
February .....	-	-	-	22,632	1,887,373	80,627	-	1,990,632
March .....	-	-	-	23,248	1,935,958	83,885	-	2,043,091
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total March 1964 .....	477	112,700	346,811	6,845,823	17,299,466	1,079,979	35,703	25,720,959
Total year to date .....	1,541	317,182	996,258	19,988,233	52,511,534	3,150,236	144,724	77,109,708
Total March 1963 .....	687	94,632	314,673	6,097,754	15,579,837	1,102,864	47,568	23,238,015

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, March 1964

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 "Imperial" gallons										
<u>New supply</u>										
Domestic production:										
Crude oil .....	477	112,700	346,811	6,822,575	15,290,425	993,918	35,703	23,602,609	...	23,602,609
Condensate .....	-	-	-	-	73,083	2,176	-	75,259	...	75,259
Pentanes plus .....	-	-	-	23,248	1,935,958	83,885	-	2,043,091	...	2,043,091
Total crude oil and equivalent	477	112,700	346,811	6,845,823	17,299,466	1,079,979	35,703	25,720,959	...	25,720,959
Imports .....	...	...	...	...	...	...	...	...	12,111,842	12,111,842
Total new supply .....	477	112,700	346,811	6,845,823	17,299,466	1,079,979	35,703	25,720,959	12,111,842	37,832,801
<u>Disposition</u>										
Deliveries to refineries:										
Atlantic Provinces .....	267	-	-	-	-	-	-	267	3,690,243	3,690,510
Quebec .....	-	-	-	-	-	-	-	-	8,419,850	8,419,850
Ontario .....	-	112,700	256,823	4,189,185	4,322,388	-	-	8,881,096	-	8,881,096
Manitoba .....	-	-	82,615	886,400	257,706	-	-	1,226,721	-	1,226,721
Saskatchewan .....	-	-	-	368,661	1,106,358	-	-	1,475,019	-	1,475,019
Alberta .....	-	-	-	5,014	2,289,250	-	-	2,294,264	-	2,294,264
British Columbia .....	-	-	-	-	1,678,946	1,028,330	-	2,707,276	-	2,707,276
Northwest Territories .....	-	-	-	-	-	-	36,099	36,099	-	36,099
Totals .....	267	112,700	339,438	5,449,260	9,654,648	1,028,330	36,099	16,620,742	12,110,093	28,730,835
Exports to U.S.A.:										
Northwest Area:	-	-	-	-	-	-	-	-	-	-
West of Rocky Mountains .....	-	-	-	-	4,417,591	92,220	-	4,509,811	-	4,509,811
East of Rocky Mountains .....	-	-	-	-	421,514	-	-	421,514	-	421,514
Great Lakes Area .....	-	-	-	1,302,488	2,184,366	-	-	3,486,854	-	3,486,854
Totals .....	-	-	-	1,302,488	7,023,471	92,220	-	8,418,179	-	8,418,179
Deliveries to other purchasers ..										
Inventories:	-	-	-	745	10,760	-	-	11,505	-	11,505
Opening - Field and plant .....	-	-	75,152	427,153	1,205,333	62,013	82,690	1,852,341	-	1,852,341
Transporters' .....	-	-	13,118	4,576,800	14,924,092	1,072,969	-	20,586,979	188,990	20,775,969
Closing - Field and plant .....	-	-	79,414	421,962	1,234,974	51,993	82,294	1,870,637	-	1,870,637
Transporters' .....	-	-	14,163	4,740,607	15,230,259	1,041,267	-	21,026,296	188,871	21,215,167
Net change .....	-	-	5,307	158,616	335,808	- 41,722	- 396	457,613	- 119	457,494
Pipeline fuel .....	-	-	-	-	32,375	-	-	32,375	-	32,375
Field and plant use .....	-	-	-	99	17,792	1,402	-	19,293	-	19,293
Losses and adjustments .....	210	-	2,066	- 65,385	224,612	- 251	-	161,252	1,868	163,120
Total disposition .....	477	112,700	346,811	6,845,823	17,299,466	1,079,979	35,703	25,720,959	12,111,842	37,832,801

... Figures not appropriate or not applicable.



TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, March 1964

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	12,711	2,191,960	5,724,415
2	Less field flared and waste .....	-	-	1,754,525
3	Net new production (1 - 2) .....	12,711	2,191,960	3,969,890
	<u>Disposition</u>			
4	Field disposition and uses .....	291	-	169,838
5	Gathering system disposition and uses .....	-	-	44,488
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	175,948
6b	Other disposition and uses .....	-	-	146,382
7	Field injection and storage:			
7a	Injected and stored .....	-	-	92,821
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	92,821
8	Other uses .....	-	-	313,769
9	Adjustment .....	-	-	-
10	Deliveries of marketable gas .....	12,420	2,191,960	3,026,644
11	Total disposition .....	12,711	2,191,960	3,969,890
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	2,373,414
12b	Fields .....	12,420	2,191,960	653,230
13	Total (12a + 12b) .....	12,420	2,191,960	3,026,644
14	Receipts from distributor storage .....	-	3,296,057	281,490
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	12,420	5,488,017	3,308,134
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	2,045,600
20	Manitoba .....	-	-	517,834
21	Ontario .....	-	5,469,438	-
22	Quebec .....	-	-	-
23	New Brunswick .....	5,582	-	-
24	Total sales (17 to 23 inclusive) .....	5,582	5,469,438	2,563,434
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	128,473
28	Pipeline line pack fluctuation .....	-	-	- 170
29	Pipeline fuel .....	-	70,882	54,064
30	Pipeline losses etc. ....	6,838	- 52,303	562,333
31	Total disposition of marketable gas (24 to 30 inclusive) .....	12,420	5,488,017	3,308,134

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, March 1964

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
100,102,809	13,709,597	75,760	121,817,252	-	121,817,252	1
4,200,161	1,194,494	72,924	7,222,104	-	7,222,104	2
95,902,648	12,515,103	2,836	114,595,148	-	114,595,148	3
211,811	- 11,843	-	370,097	-	370,097	4
389,827	-	-	434,315	-	434,315	5
8,427,596	573,324	-	9,176,868	-	9,176,868	6a
3,950,007	641,567	-	4,737,956	-	4,737,956	6b
12,563,750	-	-	12,656,571	-	12,656,571	7a
534,297	-	-	534,297	-	534,297	7b
12,029,453	-	-	12,122,274	-	12,122,274	7c
85,186	-	2,836	401,791	-	401,791	8
- 1,512,518	39,783	-	- 1,472,735	-	- 1,472,735	9
72,321,286	11,272,272	-	88,824,582	-	88,824,582	10
95,902,648	12,515,103	2,836	114,595,148	-	114,595,148	11
57,371,447	10,899,319	-	70,644,180	-	70,644,180	12a
14,949,839	372,953	-	18,180,402	-	18,180,402	12b
72,321,286	11,272,272	-	88,824,582	-	88,824,582	13
123,408	-	-	3,700,955	-	3,700,955	14
9,929	-	-	9,929	-	9,929	15
72,454,623	11,272,272	-	92,535,466	11,539	92,547,005	16
1,008,656	3,369,637	-	4,378,293	-	4,378,293	17
16,197,946	-	-	16,197,946	11,539	16,209,485	18
2,323,024	-	-	4,368,624	-	4,368,624	19
2,865,831	-	-	3,383,665	-	3,383,665	20
15,121,665	-	-	20,591,103	-	20,591,103	21
2,767,527	-	-	2,767,527	-	2,767,527	22
-	-	-	5,582	-	5,582	23
40,284,649	3,369,637	-	51,692,740	11,539	51,704,279	24
27,167,624	7,469,997	-	34,637,621	-	34,637,621	25
390,420	-	-	390,420	-	390,420	26
536,822	-	-	665,295	-	665,295	27
- 128,550	48,328	-	- 80,392	-	- 80,392	28
2,513,382	194,116	-	2,832,444	-	2,832,444	29
1,690,276	190,194	-	2,397,338	-	2,397,338	30
72,454,623	11,272,272	-	92,535,466	11,539	92,547,005	31

TABLE 4. Production of Natural Gas by Month, by Province, 1964

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
Mcf. at 14.73 p.s.i.a. and 60°F							
January .....	13,661	1,153,281	4,182,480	104,620,680	13,168,099	3,682	123,141,883
February .....	12,317	1,886,872	3,829,373	96,531,124	11,818,507	4,461	114,082,654
March .....	12,711	2,191,960	3,969,890	95,902,648	12,515,103	2,836	114,595,148
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Total year to date .....	38,689	5,232,113	11,981,743	297,054,452	37,501,709	10,979	351,819,685
Total March 1963 .....	13,297	1,690,671	3,547,617	81,668,221	11,555,929	6,015	98,481,750

TABLE 5. Production of Propane and Butanes from Natural Gas by Month, by Province, 1964

Month	Propane				Butanes			
	Saskatchewan	Alberta	British Columbia	Canada	Saskatchewan	Alberta	British Columbia	Canada
barrels of 35 "Imperial" gallons								
January .....	56,111	496,469	21,766	574,346	29,680	351,803	37,511	418,994
February .....	52,676	434,516	18,776	505,968	29,412	322,486	37,596	389,494
March .....	57,142	432,777	16,616	506,535	29,755	302,108	41,298	373,161
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total year to date .....	165,929	1,363,762	57,158	1,586,849	88,847	976,397	116,405	1,181,649
Total March 1963 .....	52,934	273,248	16,139	342,321	28,471	228,355	32,965	289,791







Doc  
CATALOGUE No.

26-006

MONTHLY)

Canada. Statistics, Bureau of  
//  
**DOMINION BUREAU OF STATISTICS**  
**( OTTAWA - CANADA )**

( Published by Authority of the Minister of Trade and Commerce

Vol. 16, No. 4

Price: 20 cents, \$2.00 a year

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

APRIL 1964

Crude oil and equivalent production increased 7.2 per cent to 22,170,708 barrels (739,024 barrels/day) in April 1964 from 20,684,760 barrels last year. Production of pentanes plus amounted to 2,072,843 barrels. The disposition of Canadian crude oil and equivalent was 63.5 per cent to Canadian refineries, 36.1 per cent was exported and other disposition accounted for 0.4 per cent.

Natural gas production increased 20.4 per cent to 109,765,369 Mcf. from 91,136,216 Mcf. in April 1963. Of the total production of 109.8 million Mcf., 17.7 million was net deliveries to storage and injection operations, 9.3 million was used, lost or unaccounted for in fields and processing plants, 32.3 million was exported, 22.6 million was sold to ultimate customers in the prairies, 18.2 million in Ontario, 3.6 million in British Columbia and 2.6 million in Quebec. The remaining 3.5 million Mcf. was accounted for by other deliveries, line pack changes and pipeline fuel.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent, was formerly published in "Refined Petroleum Products", Catalogue number 45-004. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Additional details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian ("Imperial") gallons at 60°F. Additional details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition and use.

Marketable gas is taken to include all gas purchased by gas utilities either directly from fields or from processing plants, and represents the basic point of trade between producers and purchasers.

A companion publication, "Natural Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas are given in thousand cubic feet measured at 14.73 p.s.i.a. and 60°F.

Industry Division

August 1964  
6511-515



TABLE 1. Production of Crude Oil, Condensate and Pentanes Plus by Month, by Province, 1964

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
<u>Crude oil and condensate</u>								
January .....	666	105,271	328,262	6,708,040	15,996,584	992,783	44,175	24,175,781
February .....	398	99,211	321,185	6,388,363	15,311,130	912,755	64,846	23,097,888
March .....	477	112,700	346,811	6,822,575	15,363,508	996,094	35,703	23,677,868
April .....	-	111,006	333,701	6,403,705	12,204,389	984,862	60,202	20,097,865
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
<u>Pentanes plus</u>								
January .....	-	-	-	23,375	2,016,981	84,092	-	2,124,448
February .....	-	-	-	22,632	1,887,373	80,627	-	1,990,632
March .....	-	-	-	23,248	1,935,958	83,885	-	2,043,091
April .....	-	-	-	21,241	1,976,299	75,303	-	2,072,843
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total April 1964 .....	-	111,006	333,701	6,424,946	14,180,688	1,060,165	60,202	22,170,708
Total year to date .....	1,541	428,188	1,329,959	26,413,179	66,692,222	4,210,401	204,926	99,280,800
Total April 1963 .....	234	102,453	307,660	5,502,785	13,738,025	981,776	51,827	20,684,760

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, April 1964

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 "imperial" gallons										
New supply										
Domestic production:										
Crude oil .....	-	111,006	333,701	6,403,705	12,149,685	983,171	60,202	20,041,470	...	20,041,470
Condensate .....	-	-	-	-	54,704	1,691	-	56,395	...	56,395
Pentanes plus .....	-	-	-	21,241	1,976,299	75,303	-	2,072,843	...	2,072,843
Total crude oil and equivalent	-	111,006	333,701	6,424,946	14,180,688	1,060,165	60,202	22,170,708	...	22,170,708
Imports .....	...	...	...	...	...	...	...	...	10,758,236	10,758,236
Total new supply .....	-	111,006	333,701	6,424,946	14,180,688	1,060,165	60,202	22,170,708	10,758,236	32,928,944
Disposition										
Deliveries to refineries:										
Atlantic Provinces .....	-	-	-	-	-	-	-	-	2,715,105	2,715,105
Quebec .....	-	-	-	-	-	-	-	-	8,006,629	8,006,629
Ontario .....	-	111,006	244,558	3,877,930	3,682,895	-	-	7,916,389	-	7,916,389
Manitoba .....	-	-	84,612	845,515	151,021	-	-	1,081,148	-	1,081,148
Saskatchewan .....	-	-	-	160,456	593,338	-	-	753,794	-	753,794
Alberta .....	-	-	-	45,490	1,816,189	-	-	1,861,679	-	1,861,679
British Columbia .....	-	-	-	-	1,892,199	820,448	-	2,712,647	-	2,712,647
Northwest Territories .....	-	-	-	-	-	-	62,357	62,357	-	62,357
Totals .....	-	111,006	329,170	4,929,391	8,135,642	820,448	62,357	14,388,014	10,721,734	25,109,748
Exports to U.S.A.:										
Northwest Area:										
West of Rocky Mountains .....	-	-	-	-	4,012,102	78,270	-	4,090,372	-	4,090,372
East of Rocky Mountains .....	-	-	-	-	419,300	-	-	419,300	-	419,300
Great Lakes Area .....	-	-	-	1,542,217	2,119,711	-	-	3,661,928	-	3,661,928
Totals .....	-	-	-	1,542,217	6,551,113	78,270	-	8,171,600	-	8,171,600
Deliveries to other purchasers ..	-	-	-	1,481	487	-	-	1,968	-	1,968
Inventories:										
Opening - Field and plant .....	-	-	79,414	422,235	1,234,974	51,993	82,294	1,870,910	-	1,870,910
Transporters' .....	-	-	14,163	4,740,607	15,230,259	1,041,267	-	21,026,296	188,871	21,215,167
Closing - Field and plant .....	-	-	84,254	398,326	1,174,884	52,092	80,087	1,789,643	-	1,789,643
Transporters' .....	-	-	13,199	4,662,951	14,747,117	1,195,222	-	20,618,489	224,118	20,842,607
Net change .....	-	-	3,876	- 101,565	- 543,232	154,054	- 2,207	- 489,074	35,247	- 453,827
Pipeline fuel .....	-	-	-	-	28,953	-	-	28,953	-	28,953
Field and plant use .....	-	-	-	168	6,790	733	-	7,691	-	7,691
Losses and adjustments .....	-	-	655	53,254	935	6,660	52	61,556	1,255	62,811
Total disposition .....	-	111,006	333,701	6,424,946	14,180,688	1,060,165	60,202	22,170,708	10,758,236	32,928,944

... Figures not appropriate or not applicable.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, April 1964

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	9,157	1,045,233	5,190,281
2	Less field flared and waste .....	-	-	1,838,320
3	Net new production (1 - 2) .....	9,157	1,045,233	3,351,961
	<u>Disposition</u>			
4	Field disposition and uses .....	205	-	146,132
5	Gathering system disposition and uses .....	-	-	78,260
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	170,906
6b	Other disposition and uses .....	-	-	133,567
7	Field injection and storage:			
7a	Injected and stored .....	-	-	78,855
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	78,855
8	Other uses .....	-	-	85,618
9	Adjustment .....	-	-	-
10	Deliveries of marketable gas .....	8,952	1,045,233	2,658,623
11	Total disposition .....	9,157	1,045,233	3,351,961
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	2,144,144
12b	Fields .....	8,952	1,045,233	514,479
13	Total (12a + 12b) .....	8,952	1,045,233	2,658,623
14	Receipts from distributor storage .....	-	1,101,384	21,531
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	8,952	2,146,617	2,680,154
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	3,326,548
20	Manitoba .....	-	-	368,989
21	Ontario .....	-	2,386,460	-
22	Quebec .....	-	-	-
23	New Brunswick .....	6,073	-	-
24	Total sales (17 to 23 inclusive) .....	6,073	2,386,460	3,695,537
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	498,896
28	Pipeline line pack fluctuation .....	-	-	- 9,174
29	Pipeline fuel .....	-	33,892	42,474
30	Pipeline losses etc. ....	2,879	- 273,735	- 1,547,579
31	Total disposition of marketable gas (24 to 30 inclusive) .....	8,952	2,146,617	2,680,154

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, April 1964

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
97,797,178	12,359,238	81,810	116,482,897	-	116,482,897	1
3,600,012	1,199,603	79,593	6,717,528	-	6,717,528	2
94,197,166	11,159,635	2,217	109,765,369	-	109,765,369	3
1,203,771	- 78,857	-	1,271,251	-	1,271,251	4
367,526	-	-	445,786	-	445,786	5
8,138,996	480,192	-	8,790,094	-	8,790,094	6a
4,460,931	694,072	-	5,288,570	-	5,288,570	6b
16,124,032	-	-	16,202,887	-	16,202,887	7a
127,755	-	-	127,755	-	127,755	7b
15,996,277	-	-	16,075,132	-	16,075,132	7c
- 106,735	-	2,217	- 18,900	-	- 18,900	8
430,737	12,286	-	443,023	-	443,023	9
63,705,663	10,051,942	-	77,470,413	-	77,470,413	10
94,197,166	11,159,635	2,217	109,765,369	-	109,765,369	11
51,521,109	9,834,622	-	63,499,875	-	63,499,875	12a
12,184,554	217,320	-	13,970,538	-	13,970,538	12b
63,705,663	10,051,942	-	77,470,413	-	77,470,413	13
32,709	-	-	1,155,624	-	1,155,624	14
6,061	-	-	6,061	-	6,061	15
63,744,433	10,051,942	-	78,632,098	1,655,234	80,287,332	16
849,566	2,788,053	-	3,637,619	-	3,637,619	17
14,760,921	-	-	14,760,921	7,740	14,768,661	18
1,573,781	-	-	4,900,329	-	4,900,329	19
2,599,810	-	-	2,968,799	-	2,968,799	20
15,856,581	-	-	18,243,041	1,647,494	19,890,535	21
2,606,040	-	-	2,606,040	-	2,606,040	22
-	-	-	6,073	-	6,073	23
38,246,699	2,788,053	-	47,122,822	1,655,234	48,778,056	24
25,139,079	7,156,240	-	32,295,319	-	32,295,319	25
807,823	-	-	807,823	-	807,823	26
2,284,486	-	-	2,783,382	-	2,783,382	27
164,834	- 62,854	-	92,806	-	92,806	28
2,262,927	156,251	-	2,495,544	-	2,495,544	29
- 5,161,415	14,252	-	- 6,965,598	-	- 6,965,598	30
63,744,433	10,051,942	-	78,632,098	1,655,234	80,287,332	31



TABLE 4. Production of Natural Gas by Month, by Province, 1964

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
Mcf. at 14.73 p.s.i.a. and 60°F							
January .....	13,661	1,153,281	4,182,480	104,620,680	13,168,099	3,682	123,141,883
February .....	12,317	1,886,872	3,829,373	96,531,124	11,818,507	4,461	114,082,654
March .....	12,711	2,191,960	3,969,890	95,902,648	12,515,103	2,836	114,595,148
April .....	9,157	1,045,233	3,351,961	94,197,166	11,159,635	2,217	109,765,369
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Total year to date .....	47,846	6,277,346	15,333,704	391,251,618	48,661,344	13,196	461,585,054
Total April 1963	8,790	979,143	2,778,702	76,989,647	10,374,001	5,933	91,136,216

TABLE 5. Production of Propane and Butanes from Natural Gas by Month, by Province, 1964

Month	Propane				Butanes			
	Saskatchewan <sup>F</sup>	Alberta	British Columbia	Canada	Saskatchewan <sup>F</sup>	Alberta	British Columbia	Canada
barrels of 35 "Imperial" gallons								
January .....	56,111	496,469	21,766	574,346	29,680	351,803	37,511	418,994
February .....	52,676	434,516	18,776	505,968	29,412	322,486	37,596	389,494
March .....	57,419	432,777	16,616	506,812	30,529	302,108	41,298	373,935
April .....	54,841	431,917	13,979	500,737	29,732	304,461	31,524	365,717
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total year to date .....	221,047	1,795,679	71,137	2,087,863	119,353	1,280,858	147,929	1,548,140
Total April 1963	39,071	247,779	31,110	317,960	21,264	185,724	41,159	248,147

<sup>F</sup> Revised figures.





Doc  
Canada. Statistics. Bureau of

CATALOGUE No.

26-006

MONTHLY)

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce )

Vol. 16, No. 5

Price: 20 cents, \$2.00 a year

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION.

MAY 1964

Crude oil and equivalent production increased 11.4 per cent to 24,929,288 barrels (804,171 barrels/day) in May 1964 from 22,372,057 barrels last year. Production of pentanes plus amounted to 2,002,774 barrels. The disposition of Canadian crude oil and equivalent was 64.6 per cent to Canadian refineries, 35.2 per cent was exported and other disposition accounted for 0.2 per cent.

Natural gas production increased 16.6 per cent to 101,756,884 Mcf. from 87,281,644 Mcf. in May 1963. Of the total production of 101.8 million Mcf., 22.8 million was net deliveries to storage and injection operations, 11.3 million was used, lost or unaccounted for in fields and processing plants, 31.6 million was exported, 17.2 million was sold to ultimate customers in the prairies, 10.8 million in Ontario, 3.1 million in British Columbia and 2.7 million in Quebec. The remaining 2.3 million Mcf. was accounted for by other deliveries, line pack changes and pipeline fuel.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent, was formerly published in "Refined Petroleum Products", Catalogue Number 45-004. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Additional details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian ("Imperial") gallons at 60°F. Additional details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition and use.

Marketable gas is taken to include all gas purchased by gas utilities either directly from fields or from processing plants, and represents the basic point of trade between producers and purchasers.

A companion publication, "Natural Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas are given in thousand cubic feet measured at 14.73 p.s.i.a. and 60°F.

Industry Division

August 1964  
6511-515



TABLE 1. Production of Crude Oil, Condensate and Pentanes Plus by Month, by Province, 1964

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
barrels of 35 "imperial" gallons								
<u>Crude oil and condensate</u>								
January .....	666	105,271	328,262	6,708,040	15,996,584	992,783	44,175	24,175,781
February .....	398	99,211	321,185	6,388,363	15,311,130	912,755	64,846	23,097,888
March .....	477	112,700	346,811	6,822,575	15,363,508	996,094	35,703	23,677,868
April .....	-	111,006	333,701	6,403,705	12,204,389	984,862	60,202	20,097,865
May .....	769	111,712	346,115	6,709,427	14,718,155	1,016,058	24,278	22,926,514
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
<u>Pentanes plus</u>								
January .....	-	-	-	23,375	2,016,981	84,092	-	2,124,448
February .....	-	-	-	22,632	1,887,373	80,627	-	1,990,632
March .....	-	-	-	23,248	1,935,958	83,885	-	2,043,091
April .....	-	-	-	21,241	1,976,299	75,303	-	2,072,843
May .....	-	-	-	23,349	1,906,204	73,221	-	2,002,774
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total May 1964 .....	769	111,712	346,115	6,732,776	16,624,359	1,089,279	44,278	24,929,288
Total year to date .....	2,310	539,900	1,676,074	33,145,955	83,316,581	5,299,680	229,204	124,209,704(1)
Total May 1963 .....	681	104,029	317,179	5,852,160	14,839,296	1,232,428	46,284	22,372,057

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, May 1964

... Figures not appropriate or not applicable.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, May 1964

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	7,133	840,958	4,978,442
2	Less field flared and waste .....	-	-	1,713,397
3	Net new production (1 - 2) .....	7,133	840,958	3,265,045
	<u>Disposition</u>			
4	Field disposition and uses .....	160	-	183,819
5	Gathering system disposition and uses .....	-	-	44,144
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	174,032
6b	Other disposition and uses .....	-	-	211,570
7	Field injection and storage:			
7a	Injected and stored .....	-	-	92,228
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	92,228
8	Other uses .....	-	-	158,321
9	Adjustment .....	-	-	123
10	Deliveries of marketable gas .....	6,973	840,958	2,400,808
11	Total disposition .....	7,133	840,958	3,265,045
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	1,991,336
12b	Fields .....	6,973	840,958	409,472
13	Total (12a + 12b) .....	6,973	840,958	2,400,808
14	Receipts from distributor storage .....	-	482,575	-
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	6,973	1,323,533	2,400,808
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	2,488,972
20	Manitoba .....	-	-	167,775
21	Ontario .....	-	1,391,457	-
22	Quebec .....	-	-	-
23	New Brunswick .....	5,263	-	-
24	Total sales (17 to 23 inclusive) .....	5,263	1,391,457	2,656,747
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	529,844
28	Pipeline line pack fluctuation .....	-	-	2,098
29	Pipeline fuel .....	-	29,026	32,917
30	Pipeline losses etc. ....	1,710	-96,950	-820,798
31	Total disposition of marketable gas (24 to 30 inclusive) .....	6,973	1,323,533	2,400,808

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, May 1964

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
91,167,132	11,527,100	26,974	108,547,739	-	108,547,739	1
3,872,735	1,179,598	25,125	6,790,855	-	6,790,855	2
87,294,397	10,347,502	1,849	101,756,884	-	101,756,884	3
1,013,659	49,868	-	1,247,506	-	1,247,506	4
652,910	-	-	697,054	-	697,054	5
8,183,736	444,850	-	8,802,618	-	8,802,618	6a
3,997,405	568,090	-	4,777,065	-	4,777,065	6b
17,834,311	-	-	17,926,539	-	17,926,539	7a
152,175	-	-	152,175	-	152,175	7b
17,682,136	-	-	17,774,364	-	17,774,364	7c
67,012	-	1,849	227,182	-	227,182	8
-959,309	1,831	-	-957,355	-	-957,355	9
56,656,848	9,282,863	-	69,188,450	-	69,188,450	10
87,294,397	10,347,502	1,849	101,756,884	-	101,756,884	11
47,777,667	9,183,251	-	58,952,254	-	58,952,254	12a
8,879,181	99,612	-	10,236,196	-	10,236,196	12b
56,656,848	9,282,863	-	69,188,450	-	69,188,450	13
28,922	-	-	511,497	-	511,497	14
5,218	-	-	5,218	-	5,218	15
56,690,988	9,282,863	-	69,705,165	2,848,426	72,553,591	16
750,075	2,342,505	-	3,092,580	-	3,092,580	17
11,810,587	-	-	11,810,587	5,000	11,815,587	18
1,171,441	-	-	3,660,413	-	3,660,413	19
1,588,493	-	-	1,756,268	-	1,756,268	20
9,364,660	-	-	10,756,117	2,843,426	13,599,543	21
2,712,277	-	-	2,712,277	-	2,712,277	22
-	-	-	5,263	-	5,263	23
27,397,533	2,342,505	-	33,793,505	2,848,426	36,641,931	24
24,842,380	6,708,573	-	31,550,953	-	31,550,953	25
507,228	-	-	507,228	-	507,228	26
5,006,653	-	-	5,536,497	-	5,536,497	27
-147,593	130,521	-	-14,974	-	-14,974	28
1,628,848	115,984	-	1,806,775	-	1,806,775	29
-2,544,061	-14,720	-	-3,474,819	-	-3,474,819	30
56,690,988	9,282,863	-	69,705,165	2,848,426	72,553,591	31



TABLE 4. Production of Natural Gas by Month, by Province, 1964

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
Mcf. at 14.73 p.s.i.a. and 60°F							
January	13,661	1,153,281	4,182,480	100,520,680	13,168,099	3,682	123,141,883
February	12,317	1,886,872	3,829,473	96,531,124	11,818,107	4,461	114,082,754
March	12,711	2,191,960	3,969,890	95,902,648	12,515,103	2,836	114,595,148
April	9,157	1,045,233	3,351,961	94,197,166	11,159,635	2,217	109,765,369
May	7,133	860,958	3,265,045	87,284,397	10,347,502	1,849	101,736,864
June							
July							
August							
September							
October							
November							
December							
Total year to date	54,376	7,118,304	18,768,749	478,546,013	59,008,846	15,045	563,341,936
Total May 1963	7,409	811,951	3,055,650	73,926,624	9,478,462	1,548	87,281,144

TABLE 5. Production of Propane and Butanes from Natural Gas by Month, by Province, 1964

Month	Propane				Butanes			
	Saskatchewan	Alberta	British Columbia	Canada	Saskatchewan	Alberta	British Columbia	Canada
barrels of 35 "Imperial" gallons								
January	56,111	496,469	21,766	574,346	29,680	351,803	37,511	418,704
February	52,676	434,516	18,776	505,968	29,412	322,486	37,596	389,494
March	57,419	432,777	16,616	506,812	30,529	302,108	41,298	373,935
April	54,841	431,917	13,979	500,737	29,732	304,461	31,524	365,711
May	50,031	377,772	10,585	438,388	32,444	317,211	30,280	370,935
June								
July								
August								
September								
October								
November								
December								
Total year to date	271,078	2,173,451	81,722	2,526,251	151,797	1,598,069	178,209	1,928,075
Total May 1963	47,947	272,733	33,618	354,298	26,343	170,145	39,177	235,665





Doc

CATALOGUE No.

26-006

MONTHLY )

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 16, No. 6

Price: 20 cents, \$2.00 a year

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

JUNE 1964

Crude oil and equivalent production increased 10.1 per cent to 24,681,824 barrels (822,727 barrels/day) in June 1964 from 22,414,752 barrels last year. Production of pentanes plus amounted to 1,926,651 barrels. The disposition of Canadian crude oil and equivalent was 66.4 per cent to Canadian refineries, 33.4 per cent was exported and other disposition accounted for 0.2 per cent.

Natural gas production increased 16.0 per cent to 91,501,724 Mcf. from 78,857,619 Mcf. in June 1963. Of the total production of 91.5 million Mcf., 21.6 million was net deliveries to storage and injection operations, 7.5 million was used, lost or unaccounted for in fields and processing plants, 29.1 million was exported, 13.4 million was sold to ultimate customers in the prairies, 12.4 million in Ontario, 2.8 million in Quebec and 2.2 million in British Columbia. The remaining 2.5 million Mcf. was accounted for by other deliveries, line pack changes and pipeline fuel.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent, was formerly published in "Refined Petroleum Products", Catalogue number 45-004. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Additional details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian ("Imperial") gallons at 60° F. Additional details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition and use.

Marketable gas is taken to include all gas purchased by gas utilities either directly from fields or from processing plants, and represents the basic point of trade between producers and purchasers.

A companion publication, "Natural Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas are given in thousand cubic feet measured at 14.73 p.s.i.a. and 60° F.

Industry Division

September 1964  
6511-515



TABLE 1. Production of Crude Oil, Condensate and Pentanes Plus by Month, by Province, 1964

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
barrels of 35 "imperial" gallons								
<u>Crude oil and condensate</u>								
January .....	666	105,271	328,262	6,708,040	15,996,584	992,783	44,175	24,175,781
February .....	398	99,211	321,185	6,388,363	15,311,130	912,755	64,846	23,097,888
March .....	477	112,700	346,811	6,822,575	15,363,508	996,094	35,703	23,677,868
April .....	-	111,006	333,701	6,403,705	12,204,389	984,862	60,202	20,097,865
May .....	769	111,712	346,115	6,709,427	14,718,155	1,016,058	24,278	22,926,514
June .....	308	103,809	359,665	6,751,502	14,572,378	934,947	32,564	22,755,173
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
<u>Pentanes plus</u>								
January .....	-	-	-	23,375	2,016,981	84,092	-	2,124,448
February .....	-	-	-	22,632	1,887,373	80,627	-	1,990,632
March .....	-	-	-	23,248	1,935,958	83,885	-	2,043,091
April .....	-	-	-	21,241	1,976,299	75,303	-	2,072,843
May .....	-	-	-	23,349	1,906,204	73,221	-	2,002,774
June .....	-	-	-	21,278	1,850,876	54,497	-	1,926,651
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total June 1964 .....	308	103,809	359,665	6,772,780	16,423,254	989,444	32,564	24,681,824
Total year to date .....	2,618	643,709	2,035,739	39,918,735	99,739,835	6,289,124	261,768	148,891,528
Total June 1963 .....	475	94,014	312,151	5,376,601	15,419,981	1,162,214	49,316	22,414,752

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, June 1964

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 "Imperial" gallons										
<u>New supply</u>										
Domestic production:										
Crude oil .....	308	103,809	359,665	6,751,502	14,524,485	931,977	32,564	22,704,310	...	22,704,310
Condensate .....	-	-	-	-	47,893	2,970	-	50,863	...	50,863
Pentanes plus .....	-	-	-	21,278	1,850,876	54,497	-	1,926,651	...	1,926,651
Total crude oil and equivalent	308	103,809	359,665	6,772,780	16,423,254	989,444	32,564	24,681,824	...	24,681,824
Imports .....	...	...	...	...	...	...	...	...	11,374,715	11,374,715
Total new supply .....	308	103,809	359,665	6,772,780	16,423,254	989,444	32,564	24,681,824	11,374,715	36,056,539
<u>Disposition</u>										
Deliveries to refineries:										
Atlantic Provinces .....	308	-	-	-	-	-	-	308	3,867,967	3,868,275
Quebec .....	-	-	-	-	-	-	-	-	7,370,311	7,370,311
Ontario .....	-	103,809	268,645	3,264,614	4,765,256	-	-	8,402,324	80,593	8,482,917
Manitoba .....	-	-	131,191	855,961	193,918	-	-	1,181,070	-	1,181,070
Saskatchewan .....	-	-	-	456,654	1,593,854	-	-	2,050,508	-	2,050,508
Alberta .....	-	-	-	23,974	2,441,012	-	-	2,464,986	-	2,464,986
British Columbia .....	-	-	-	-	1,317,221	1,148,495	-	2,465,716	-	2,465,716
Northwest Territories .....	-	-	-	-	-	-	57,922	57,922	-	57,922
Totals .....	308	103,809	399,835	4,601,203	10,311,261	1,148,495	57,922	16,622,834	11,318,871	27,941,705
Exports to U.S.A.:										
Northwest Area:										
West of Rocky Mountains .....	-	-	-	-	4,182,349	86,176	-	4,268,525	-	4,268,525
East of Rocky Mountains .....	-	-	-	-	269,795	-	-	269,795	-	269,795
Great Lakes Area .....	-	-	-	1,812,899	2,021,734	-	-	3,834,633	-	3,834,633
Totals .....	-	-	-	1,812,899	6,473,878	86,176	-	8,372,953	-	8,372,953
Deliveries to other purchasers ..	-	-	-	1,498	1,033	-	-	2,531	-	2,531
Inventories:										
Opening - Field and plant .....	-	-	86,907	387,772	1,287,676	61,812	100,575	1,924,742	-	1,924,742
Transporters' .....	-	-	14,405	4,679,817	14,409,598	1,168,703	-	20,272,523	188,499	20,461,022
Closing - Field and plant .....	-	-	92,269	377,053	1,138,848	49,104	75,217	1,732,491	-	1,732,491
Transporters' .....	-	-	13,798	4,974,435	14,255,760	859,535	-	20,103,528	243,989	20,347,517
Net change .....	-	-	4,755	283,899	- 302,666	- 321,876	- 25,358	- 361,246	55,490	- 305,756
Pipeline fuel .....	-	-	-	-	30,303	-	-	30,303	-	30,303
Field and plant use .....	-	-	-	2,573	12,814	765	-	16,152	-	16,152
Losses and adjustments .....	-	-	- 44,926	70,708	- 103,369	75,884	-	- 1,703	354	- 1,349
Total disposition .....	308	103,809	359,665	6,772,780	16,423,254	989,444	32,564	24,681,824	11,374,715	36,056,539

... Figures not appropriate or not applicable.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, June 1964

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	6,437	764,647	4,689,929
2	Less field flared and waste .....	-	-	1,619,992
3	Net new production (1 - 2) .....	6,437	764,647	3,069,937
	<u>Disposition</u>			
4	Field disposition and uses .....	144	-	157,544
5	Gathering system disposition and uses .....	-	-	54,760
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	132,753
6b	Other disposition and uses .....	-	-	128,732
7	Field injection and storage:			
7a	Injected and stored .....	-	-	59,135
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	59,135
8	Other uses .....	-	-	638,849
9	Adjustment .....	-	-	- 12
10	Deliveries of marketable gas .....	6,293	764,647	1,898,176
11	Total disposition .....	6,437	764,647	3,069,937
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	1,546,431
12b	Fields .....	6,293	764,647	351,745
13	Total (12a + 12b) .....	6,293	764,647	1,898,176
14	Receipts from distributor storage .....	-	106,541	6,582
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	6,293	871,188	1,904,758
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	1,819,969
20	Manitoba .....	-	-	272,984
21	Ontario .....	-	899,783	-
22	Quebec .....	-	-	-
23	New Brunswick .....	4,285	-	-
24	Total sales (17 to 23 inclusive) .....	4,285	899,783	2,092,953
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	366,627
28	Pipeline line pack fluctuation .....	-	-	- 21,188
29	Pipeline fuel .....	-	77,803	42,599
30	Pipeline losses etc. ....	2,008	- 106,398	- 576,233
31	Total disposition of marketable gas (24 to 30 inclusive) .....	6,293	871,188	1,904,758

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, June 1964

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
83,358,848	9,052,655	51,886	97,924,402	-	97,924,402	1
3,604,279	1,148,359	50,048	6,422,678	-	6,422,678	2
79,754,569	7,904,296	1,838	91,501,724	-	91,501,724	3
445,730	15,784	-	619,202	-	619,202	4
393,261	-	-	448,021	-	448,021	5
7,886,478	391,510	-	8,410,741	-	8,410,741	6a
3,645,294	327,650	-	4,101,676	-	4,101,676	6b
17,747,026	-	-	17,806,161	-	17,806,161	7a
170,182	-	-	170,182	-	170,182	7b
17,576,844	-	-	17,635,979	-	17,635,979	7c
61,548	-	1,838	702,235	-	702,235	8
- 4,902,325	48,231	-	- 4,854,106	-	- 4,854,106	9
54,647,739	7,121,121	-	64,437,976	-	64,437,976	10
79,754,569	7,904,296	1,838	91,501,724	-	91,501,724	11
47,218,646	6,923,338	-	55,688,415	-	55,688,415	12a
7,429,093	197,783	-	8,749,561	-	8,749,561	12b
54,647,739	7,121,121	-	64,437,976	-	64,437,976	13
12,585	-	-	125,708	-	125,708	14
2,506	-	-	2,506	-	2,506	15
54,662,830	7,121,121	-	64,566,190	826,445	65,392,635	16
579,667	1,628,142	-	2,207,809	-	2,207,809	17
9,293,915	-	-	9,293,915	2,726	9,296,641	18
1,032,209	-	-	2,852,178	-	2,852,178	19
957,272	-	-	1,230,256	-	1,230,256	20
11,467,048	-	-	12,366,831	823,719	13,190,550	21
2,764,883	-	-	2,764,883	-	2,764,883	22
-	-	-	4,285	-	4,285	23
26,094,994	1,628,142	-	30,720,157	826,445	31,546,602	24
23,712,272	5,372,703	-	29,084,975	-	29,084,975	25
530,446	-	-	530,446	-	530,446	26
3,731,174	-	-	4,097,801	-	4,097,801	27
35,835	- 56,887	-	- 42,240	-	- 42,240	28
1,885,620	79,085	-	2,085,107	-	2,085,107	29
- 1,327,511	98,078	-	- 1,910,056	-	- 1,910,056	30
54,662,830	7,121,121	-	64,566,190	826,445	65,392,635	31



TABLE 5. Production of Propane and Butanes from Natural Gas by Month, by Province, 1964





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Canada. Statistics. Bureau of  
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CATALOGUE No.

26-006

MONTHLY )

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 16, No. 7

Price: 20 cents, \$2.00 a year

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION.

JULY 1964

Crude oil and equivalent production increased 9.6 per cent to 24,842,105 barrels (801,358 barrels/day) in July 1964 from 22,664,589 barrels last year. Production of pentanes plus amounted to 1,976,197 barrels. The disposition of Canadian crude oil and equivalent was 66.5 per cent to Canadian refineries, 32.3 per cent was exported and other disposition accounted for 1.2 per cent.

Natural gas production increased 19.2 per cent to 95,251,918 Mcf. from 79,910,003 Mcf. in July 1963. Of the total production of 95.3 million Mcf., 23.0 million was net deliveries to storage and injection operations, 16.2 million was used, lost or unaccounted for in fields and processing plants, 28.3 million was exported, 12.1 million was sold to ultimate customers in the prairies, 8.8 million in Ontario, 2.6 million in Quebec and 1.9 million in British Columbia. The remaining 2.4 million Mcf. was accounted for by other deliveries, line pack changes and pipeline fuel.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent, was formerly published in "Refined Petroleum Products", Catalogue number 45-004. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Additional details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian ("Imperial") gallons at 60°F. Additional details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition and use.

Marketable gas is taken to include all gas purchased by gas utilities either directly from fields or from processing plants, and represents the basic point of trade between producers and purchasers.

A companion publication, "Natural Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas are given in thousand cubic feet measured at 14.73 p.s.i.a. and 60°F.

Industry Division

October 1964  
5511-515



TABLE 1. Production of Crude Oil, Condensate and Pentanes Plus by Month, by Province, 1964

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
<u>Crude oil and condensate</u>								
January .....	666	105,271	328,262	6,708,040	15,996,584	992,783	44,175	24,175,781
February .....	398	99,211	321,185	6,388,363	15,311,130	912,755	64,846	23,097,888
March .....	477	112,700	346,811	6,822,575	15,363,508	996,094	35,703	23,677,868
April .....	-	111,006	333,701	6,388,399	12,204,389	984,862	60,202	20,082,559
May .....	769	111,712	346,115	6,695,960	14,718,155	1,016,058	24,278	22,913,047
June .....	308	103,809	359,665	6,730,224	14,572,378	934,947	32,564	22,733,895
July .....	299	106,230	379,261	6,874,151	14,491,869	954,703	59,395	22,865,908
August .....								
September .....								
October .....								
November .....								
December .....								
<u>Pentanes plus</u>								
January .....	-	-	-	23,375	2,016,981	84,092	-	2,124,448
February .....	-	-	-	22,632	1,887,373	80,627	-	1,990,632
March .....	-	-	-	23,248	1,935,958	83,885	-	2,043,091
April .....	-	-	-	21,241	1,976,299	75,303	-	2,072,843
May .....	-	-	-	23,349	1,906,204	73,221	-	2,002,774
June .....	-	-	-	21,278	1,850,876	54,497	-	1,926,651
July .....	-	-	-	26,810	1,889,904	59,483	-	1,976,197
August .....								
September .....								
October .....								
November .....								
December .....								
Total July 1964 .....	299	106,230	379,261	6,900,961	16,381,773	1,014,186	59,395	24,842,105
Total year to date .....	2,917	749,939	2,415,000	46,769,645	116,121,608	7,303,310	321,163	173,683,582
Total July 1963 .....	609	104,133	324,695	5,521,939	15,755,141	903,214	54,858	22,664,589

F Revised figures.

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, July 1964

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 "Imperial" gallons										
<b>New supply</b>										
Domestic production:										
Crude oil .....	299	106,230	379,261	6,874,151	14,444,278	951,912	59,395	22,815,526	...	22,815,526
Condensate .....	-	-	-	-	47,591	2,791	-	50,382	...	50,382
Pentanes plus .....	-	-	-	26,810	1,889,904	59,483	-	1,976,197	...	1,976,197
Total crude oil and equivalent	299	106,230	379,261	6,900,961	16,381,773	1,014,186	59,395	24,842,105	...	24,842,105
Imports .....	...	...	...	...	...	...	...	...	12,304,498	12,304,498
Total new supply .....	299	106,230	379,261	6,900,961	16,381,773	1,014,186	59,395	24,842,105	12,304,498	37,146,603
<b>Disposition</b>										
Deliveries to refineries:										
Atlantic Provinces .....	299	-	-	-	-	-	-	299	3,095,775	3,095,775
Quebec .....	-	-	-	4,362,090	4,595,570	-	-	-	9,140,117	9,140,117
Ontario .....	-	106,230	304,675	593,298	180,757	-	-	9,368,565	80,205	9,448,770
Manitoba .....	-	-	113,272	478,378	1,410,648	-	-	887,327	-	887,327
Saskatchewan .....	-	-	-	75,863	2,672,869	-	-	1,889,026	-	1,889,026
Alberta .....	-	-	-	-	843,762	843,205	-	2,748,732	-	2,748,732
British Columbia .....	-	-	-	-	-	-	-	1,686,967	-	1,686,967
Northwest Territories .....	-	-	-	-	-	-	69,918	69,918	-	69,918
Totals .....	299	106,230	417,947	5,509,629	9,703,606	843,205	69,918	16,650,834	12,316,097	28,966,931
Exports to U.S.A.:										
Northwest Area:										
West of Rocky Mountains .....	-	-	-	-	4,257,262	134,918	-	4,392,180	-	4,392,180
East of Rocky Mountains .....	-	-	-	-	308,409	-	-	308,409	-	308,409
Great Lakes Area .....	-	-	-	1,284,514	2,112,507	-	-	3,397,021	-	3,397,021
Totals .....	-	-	-	1,284,514	6,678,178	134,918	-	8,097,610	-	8,097,610
Deliveries to other purchasers ..	-	-	-	1,775	9,739	-	-	11,514	-	11,514
Inventories:										
Opening - Field and plant .....	-	-	92,269	377,053	1,138,848	49,104	75,217	1,732,491	-	1,732,491
Transporters' .....	-	-	13,798	4,974,435	14,255,760	859,535	-	20,103,528	243,989	20,347,517
Closing - Field and plant .....	-	-	82,237	386,645	1,161,947	50,219	64,530	1,745,578	-	1,745,578
Transporters' .....	-	-	14,085	5,052,310	13,950,732	883,817	-	19,900,944	232,047	20,132,991
Net change .....	-	-	- 9,745	87,467	- 281,929	25,397	- 10,687	- 189,497	- 11,942	- 201,439
Pipeline fuel .....	-	-	-	-	24,423	-	-	24,423	-	24,423
Field and plant use .....	-	-	-	1,311	12,193	- 462	-	13,042	-	13,042
Losses and adjustments .....	-	-	- 28,941	16,265	235,563	11,128	164	234,179	343	234,522
Total disposition .....	299	106,230	379,261	6,900,961	16,381,773	1,014,186	59,395	24,842,105	12,304,498	37,146,603

... Figures not appropriate or not applicable.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, July 1964

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	6,103	694,424	4,299,079
2	Less field flared and waste .....	-	-	1,778,238
3	Net new production (1 - 2) .....	6,103	694,424	2,520,841
	<u>Disposition</u>			
4	Field disposition and uses .....	137	-	146,627
5	Gathering system disposition and uses .....	-	-	51,166
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	163,354
6b	Other disposition and uses .....	-	-	99,353
7	Field injection and storage:			
7a	Injected and stored .....	-	-	77,942
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	77,942
8	Other uses .....	-	-	346,716
9	Adjustment .....	-	-	- 99
10	Deliveries of marketable gas .....	5,966	694,424	1,635,782
11	Total disposition .....	6,103	694,424	2,520,841
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	1,454,835
12b	Fields .....	5,966	694,424	180,947
13	Total (12a + 12b) .....	5,966	694,424	1,635,782
14	Receipts from distributor storage .....	-	8,653	96,625
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	5,966	703,077	1,732,407
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	1,760,218
20	Manitoba .....	-	-	184,562
21	Ontario .....	-	644,918	-
22	Quebec .....	-	-	-
23	New Brunswick .....	4,819	-	-
24	Total sales (17 to 23 inclusive) .....	4,819	644,918	1,944,780
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	104,855
28	Pipeline line pack fluctuation .....	-	-	- 8,942
29	Pipeline fuel .....	-	49,910	18,943
30	Pipeline losses etc. ....	1,147	8,249	- 327,229
31	Total disposition of marketable gas (24 to 30 inclusive) .....	5,966	703,077	1,732,407

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, July 1964

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
87,310,407	9,549,479	83,715	101,943,207	-	101,943,207	1
3,869,868	961,077	82,106	6,691,289	-	6,691,289	2
83,440,539	8,588,402	1,609	95,251,918	-	95,251,918	3
695,004	78,666	-	920,434	-	920,434	4
303,800	-	-	354,966	-	354,966	5
7,702,612	408,476	-	8,274,442	-	8,274,442	6a
3,970,382	352,645	-	4,422,380	-	4,422,380	6b
16,056,076	-	-	16,134,018	-	16,134,018	7a
152,636	-	-	152,636	-	152,636	7b
15,903,440	-	-	15,981,382	-	15,981,382	7c
62,293	-	1,609	410,618	-	410,618	8
1,322,881	219,943	-	1,542,725	-	1,542,725	9
53,480,127	7,528,672	-	63,344,971	-	63,344,971	10
83,440,539	8,588,402	1,609	95,251,918	-	95,251,918	11
47,226,764 <sup>F</sup>	7,280,538	-	55,962,137	-	55,962,137	12a
6,253,363	248,134	-	7,382,834	-	7,382,834	12b
53,480,127	7,528,672	-	63,344,971	-	63,344,971	13
12,292	-	-	117,570	-	117,570	14
5,381	-	-	5,381	-	5,381	15
53,497,800	7,528,672	-	63,467,922	852,674	64,320,596	16
373,653	1,536,059	-	1,909,712	-	1,909,712	17
8,780,223	-	-	8,780,223	1,553	8,781,776	18
624,859	-	-	2,385,077	-	2,385,077	19
745,000	-	-	929,562	-	929,562	20
8,163,300	-	-	8,808,218	851,121	9,659,339	21
2,565,302	-	-	2,565,302	-	2,565,302	22
-	-	-	4,819	-	4,819	23
21,252,337	1,536,059	-	25,382,913	852,674	26,235,587	24
22,433,342	5,888,142	-	28,321,484	-	28,321,484	25
551,636	-	-	551,636	-	551,636	26
7,078,823	-	-	7,183,678	-	7,183,678	27
- 17,087	- 194,907	-	- 220,936	-	- 220,936	28
1,814,591	84,681	-	1,968,125	-	1,968,125	29
384,158 <sup>F</sup>	214,697	-	281,022	-	281,022	30
53,497,800	7,528,672	-	63,467,922	852,674	64,320,596	31

<sup>F</sup> Revised figures.



TABLE 4. Production of Natural Gas by Month, by Province, 1964

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
Mcf. at 14.73 p.s.i.a. and 60°F							
January	13,661	1,153,281	4,182,480	104,620,680	13,168,099	3,682	123,141,883
February	12,317	1,886,872	3,829,373	96,531,124	11,818,507	4,461	114,082,654
March	12,711	2,191,960	3,969,890	95,902,648	12,515,103	2,836	114,595,148
April	9,157	1,045,233	3,351,961	84,197,166	11,159,635	2,217	109,765,369
May	7,133	840,958	3,265,045	97,294,397	10,347,502	1,849	101,756,884
June	6,437	764,647	3,089,937	79,754,569	7,904,296	1,838	91,501,724
July	6,103	694,424	2,520,841	83,440,539	8,588,402	1,609	95,251,918
August							
September							
October							
November							
December							
Total year to date	67,519	8,577,375	24,189,527	641,741,123	75,501,544	18,492	750,095,580
Total July 1963	6,205	666,550	2,387,634	70,220,311	6,626,574	2,729	79,910,003

TABLE 5. Production of Propane and Butanes from Natural Gas by Month, by Province, 1964

Month	Propane			Butanes			
	Saskatchewan	Alberta	British Columbia	Canada	Saskatchewan	Alberta	British Columbia
barrels of 35 "Imperial" gallons							
January	56,111	496,469	21,766	574,346	29,680	351,803	37,511
February	52,676	434,516	18,776	505,968	29,412	322,486	37,596
March	57,419	432,777	16,616	506,812	30,529	302,108	41,298
April	54,841	431,917	13,979	500,737	29,732	304,461	31,524
May	50,031	377,772	10,585	438,388	32,444	317,211	30,280
June	44,868	389,203	8,981	443,052	30,178	286,303	33,566
July	52,363	453,798	6,656	512,817	38,531	339,069	33,690
August							
September							
October							
November							
December							
Total year to date	368,309	3,016,452	97,359	3,482,120	220,506	2,223,441	245,465
Total July 1963	41,057	240,623	29,620	311,300	23,849	175,963	32,318
							232,130





Doc  
CATALOGUE No.

26-006

MONTHLY)

Canada. Statistics, Bureau of

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(DOMINION BUREAU OF STATISTICS

(OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 16, No. 8

Price: 20 cents, \$2.00 a year

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION.

AUGUST 1964

Crude oil and equivalent production increased 5.3 per cent to 24,376,565 barrels (786,341 barrels/day) in August 1964 from 23,144,843 barrels last year. Production of pentanes plus amounted to 2,034,563 barrels. The disposition of Canadian crude oil and equivalent was 66.0 per cent to Canadian refineries, 33.4 per cent was exported and other disposition accounted for 0.6 per cent.

Natural gas production increased 22.1 per cent to 98,658,043 Mcf. from 80,824,041 Mcf. in August 1963. Of the total production of 98.7 million Mcf., 22.7 million was net deliveries to storage and injection operations, 18.6 million was used, lost or unaccounted for in fields and processing plants, 29.0 million was exported, 11.9 million was sold to ultimate customers in the prairies, 9.1 million in Ontario, 2.7 million in Quebec and 2.0 million in British Columbia. The remaining 2.7 million Mcf. was accounted for by other deliveries, line pack changes and pipeline fuel.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent, was formerly published in "Refined Petroleum Products", Catalogue number 45-004. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Additional details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian ("Imperial") gallons at 60°F. Additional details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition and use.

Marketable gas is taken to include all gas purchased by gas utilities either directly from fields or from processing plants, and represents the basic point of trade between producers and purchasers.

A companion publication, "Natural Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas are given in thousand cubic feet measured at 14.73 p.s.i.a. and 60°F.

Industry Division

December 1964  
511-515



TABLE 1. Production of Crude Oil, Condensate and Pentanes Plus by Month, by Province, 1964

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
barrels of 35 "Imperial" gallons								
<u>Crude oil and condensate</u>								
January .....	666	105,271	328,262	6,708,040	15,996,584	992,783	44,175	24,175,781
February .....	398	99,211	321,185	6,388,363	15,311,130	912,755	64,846	23,097,888
March .....	477	112,700	346,811	6,822,575	15,363,508	996,094	35,703	23,677,868
April .....	-	111,006	333,701	6,388,399	12,204,389	984,862	60,202	20,082,559
May .....	769	111,712	346,115	6,695,960	14,718,155	1,016,058	24,278	22,913,047
June .....	308	103,809	359,665	6,730,224	14,572,378	934,947	32,564	22,733,895
July .....	299	106,230	379,261	6,874,151	14,491,869	954,703	59,395	22,865,908
August .....	445	99,221	394,391	6,887,402	13,911,392	991,535	57,616	22,342,002
September .....								
October .....								
November .....								
December .....								
<u>Pentanes plus</u>								
January .....	-	-	-	23,375	2,016,981	84,092	-	2,124,448
February .....	-	-	-	22,632	1,887,373	80,627	-	1,990,632
March .....	-	-	-	23,248	1,935,958	83,885	-	2,043,091
April .....	-	-	-	21,241	1,976,299	75,303	-	2,072,843
May .....	-	-	-	23,349	1,906,204	73,221	-	2,002,774
June .....	-	-	-	21,278	1,850,876	54,497	-	1,926,651
July .....	-	-	-	26,810	1,889,904	59,483	-	1,976,197
August .....	-	-	-	25,496	1,944,382	64,685	-	2,034,563
September .....								
October .....								
November .....								
December .....								
Total August 1964 .....	445	99,221	394,391	6,912,898	15,855,774	1,056,220	57,616	24,376,565
Total year to date .....	3,362	849,160	2,809,391	53,682,543	131,977,382	8,359,530	378,779	198,060,147
Total August 1963 .....	710	107,555	326,275	6,342,455	15,349,882	961,298	56,668	23,144,843

... Figures not appropriate or not applicable.

... Figures not appropriate or not applicable.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, August 1964

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	6,346	710,268	4,142,930
2	Less field flared and waste .....	-	-	1,780,905
3	Net new production (1 - 2) .....	6,346	710,268	2,362,025
	<u>Disposition</u>			
4	Field disposition and uses .....	142	-	146,473
5	Gathering system disposition and uses .....	-	-	74,410
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	170,862
6b	Other disposition and uses .....	-	-	99,567
7	Field injection and storage:			
7a	Injected and stored .....	-	-	69,187
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	69,187
8	Other uses .....	-	-	247,913
9	Adjustment .....	-	-	- 77
10	Deliveries of marketable gas .....	6,204	710,268	1,553,690
11	Total disposition .....	6,346	710,268	2,362,025
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	1,308,375
12b	Fields .....	6,204	710,268	245,315
13	Total (12a + 12b) .....	6,204	710,268	1,553,690
14	Receipts from distributor storage .....	-	-	107,663
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	6,204	710,268	1,661,353
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	1,060,409
20	Manitoba .....	-	-	152,682
21	Ontario .....	-	549,704	-
22	Quebec .....	-	-	-
23	New Brunswick .....	3,975	-	-
24	Total sales (17 to 23 inclusive) .....	3,975	549,704	1,213,091
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	41,674
28	Pipeline line pack fluctuation .....	-	-	14,701
29	Pipeline fuel .....	-	38,745	24,135
30	Pipeline losses etc. ....	2,229	121,819	367,752
31	Total disposition of marketable gas (24 to 30 inclusive) .....	6,204	710,268	1,661,353

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, August 1964

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
91,042,571	9,596,244	82,306	105,580,665	-	105,580,665	1
4,033,777	1,027,495	80,445	6,922,622	-	6,922,622	2
87,008,794	8,568,749	1,861	98,658,043	-	98,658,043	3
1,224,872	16,055	-	1,387,542	-	1,387,542	4
304,819	-	-	379,229	-	379,229	5
7,761,295	408,268	-	8,340,425	-	8,340,425	6a
3,756,265	445,669	-	4,301,501	-	4,301,501	6b
16,761,934	190,069	-	17,021,190	-	17,021,190	7a
142,117	-	-	142,117	-	142,117	7b
16,619,817	190,069	-	16,879,073	-	16,879,073	7c
60,600	-	1,861	310,374	-	310,374	8
1,204,309	- 171,566	-	1,032,666	-	1,032,666	9
56,076,817	7,680,254	-	66,027,233	-	66,027,233	10
87,008,794	8,568,749	1,861	98,658,043	-	98,658,043	11
48,722,180	7,339,912	-	57,370,467	-	57,370,467	12a
7,354,637	340,342	-	8,656,766	-	8,656,766	12b
56,076,817	7,680,254	-	66,027,233	-	66,027,233	13
13,336	-	-	120,999	-	120,999	14
60,558	-	-	60,558	-	60,558	15
56,150,711	7,680,254	-	66,208,790	858,444	67,067,234	16
529,620	1,481,521	-	2,011,141	-	2,011,141	17
8,736,621	-	-	8,736,621	2,167	8,738,788	18
1,124,108	-	-	2,184,517	-	2,184,517	19
801,391	-	-	954,073	-	954,073	20
8,586,226	-	-	9,135,930	856,277	9,992,207	21
2,720,787	-	-	2,720,787	-	2,720,787	22
-	-	-	3,975	-	3,975	23
22,498,753	1,481,521	-	25,747,044	858,444	26,605,488	24
23,257,841	5,790,285	-	29,048,126	-	29,048,126	25
399,257	-	-	399,257	-	399,257	26
5,936,636	-	-	5,978,310	-	5,978,310	27
341,327	122,371	-	478,399	-	478,399	28
1,552,463	85,214	-	1,700,557	-	1,700,557	29
2,164,434	200,863	-	2,857,097	-	2,857,097	30
56,150,711	7,680,254	-	66,208,790	858,444	67,067,234	31



TABLE 4. Production of Natural Gas by Month, by Province, 1964

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
Mcf. at 14.73 p.s.i.a. and 60°F							
January .....	13,661	1,153,281	4,182,480	104,620,680	13,168,099	3,682	123,141,883
February .....	12,317	1,886,872	3,829,373	96,531,124	11,818,507	4,461	114,082,654
March .....	12,711	2,191,960	3,969,890	95,902,648	12,515,103	2,836	114,595,148
April .....	9,157	1,045,233	3,351,961	94,197,166	11,159,635	2,217	109,765,369
May .....	7,133	840,958	3,265,045	87,294,397	10,347,502	1,849	101,756,884
June .....	6,437	764,647	3,069,937	79,754,569	7,904,296	1,838	91,501,724
July .....	6,103	694,424	2,520,841	83,440,539	8,588,402	1,609	95,251,918
August .....	6,346	710,268	2,362,025	87,008,794	8,568,749	1,861	98,658,043
September .....							
October .....							
November .....							
December .....							
Total year to date .....	73,865	9,287,643	26,551,552	728,749,917	84,070,293	20,353	848,753,623
Total August 1963 .....	6,233	668,169	2,729,972	70,361,594	7,054,697	3,376	80,824,041

TABLE 5. Production of Propane and Butanes from Natural Gas by Month, by Province, 1964

Month	Propane				Butanes			
	Saskatchewan	Alberta	British Columbia	Canada	Saskatchewan	Alberta	British Columbia	Canada
barrels of 35 "Imperial" gallons								
January .....	56,111	496,469	21,766	574,346	29,680	351,803	37,511	418,994
February .....	52,676	434,516	18,776	505,968	29,412	322,486	37,596	389,494
March .....	57,419	432,777	16,616	506,812	30,529	302,108	41,298	373,935
April .....	54,841	431,917	13,979	500,737	29,732	304,461	31,524	365,717
May .....	50,031	377,772	10,585	438,388	32,444	317,211	30,280	379,935
June .....	44,868	389,203	8,981	443,052	30,178	286,303	33,566	350,047
July .....	52,363	455,798	6,656	512,817	38,531	339,069	33,690	411,290
August .....	55,090	370,634	21,853	447,577	34,028	376,207	40,509	450,744
September .....								
October .....								
November .....								
December .....								
Total year to date .....	423,399	3,387,086	119,212	3,929,697	254,534	2,599,648	285,974	3,140,156
Total August 1963 .....	46,158	236,157	33,958	316,273	29,892	166,155	32,581	228,628





Doc  
CATALOGUE No.

26-006

MONTHLY)

Canada. Statistics, Bureau of

# DOMINION BUREAU OF STATISTICS

(OTTAWA - CANADA)

Published by Authority of the Minister of Trade and Commerce

Vol. 16, No. 9

Price: 20 cents, \$2.00 a year

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

SEPTEMBER 1964

Crude oil and equivalent production increased 5.3 per cent to 24,142,084 barrels (804,736 barrels/day) in September 1964 from 22,931,706 barrels last year. Production of pentanes plus amounted to 1,763,415 barrels. The disposition of Canadian crude oil and equivalent was 65.5 per cent to Canadian refineries, 34.3 per cent was exported and other disposition accounted for 0.2 per cent.

Natural gas production increased 15.0 per cent to 98,713,526 Mcf. from 85,859,224 Mcf. in September 1963. Of the total production of 98.7 million Mcf., 16.0 million was net deliveries to storage and injection operations, 18.6 million was used, lost or unaccounted for in fields and processing plants, 30.9 million was exported, 14.3 million was sold to ultimate customers in the prairies, 10.5 million in Ontario, 2.8 million in Quebec and 2.6 million in British Columbia. The remaining 3.0 million Mcf. was accounted for by other deliveries, line pack changes and pipeline fuel.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent, was formerly published in "Refined Petroleum Products", Catalogue number 45-004. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Additional details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian ("Imperial") gallons at 60°F. Additional details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition and use.

Marketable gas is taken to include all gas purchased by gas utilities either directly from fields or from processing plants and represents the basic point of trade between producers and purchasers.

A companion publication, "Natural Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas are given in thousand cubic feet measured at 14.73 p.s.i.a. and 60°F.

Industry Division

December 1964  
6511-515



TABLE 1. Production of Crude Oil, Condensate and Pentanes Plus by Month, by Province, 1964

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
<u>Crude oil and condensate</u>								
January .....	666	105,271	328,262	6,708,040	15,996,584	992,783	44,175	24,175,781
February .....	398	99,211	321,185	6,388,363	15,311,130	912,755	64,846	23,097,888
March .....	477	112,700	346,811	6,822,575	15,363,508	996,094	35,703	23,677,868
April .....	-	111,006	333,701	6,387,486 <sup>F</sup>	12,204,389	984,862	60,202	20,081,646 <sup>F</sup>
May .....	769	111,712	346,115	6,695,960	14,718,155	1,016,058	24,278	22,913,047
June .....	308	103,809	359,665	6,730,224	14,572,378	934,947	32,564	22,733,895
July .....	299	106,230	379,261	6,874,151	14,491,869	954,703	59,395	22,865,908
August .....	445	99,221	394,391	6,887,402	13,911,392	991,535	58,084 <sup>F</sup>	22,342,470 <sup>F</sup>
September .....	444	96,568	389,093	6,785,738	14,082,456	953,499	70,871	22,378,669
October .....								
November .....								
December .....								
<u>Pentanes plus</u>								
January .....	-	-	-	23,375	2,016,981	84,092	-	2,124,448
February .....	-	-	-	22,632	1,887,373	80,627	-	1,990,632
March .....	-	-	-	24,484 <sup>F</sup>	1,935,958	83,885	-	2,044,327 <sup>F</sup>
April .....	-	-	-	21,241	1,976,299	75,303	-	2,072,843
May .....	-	-	-	23,349	1,906,204	73,221	-	2,002,774
June .....	-	-	-	21,278	1,850,876	54,497	-	1,926,651
July .....	-	-	-	26,810	1,889,904	59,483	-	1,976,197
August .....	-	-	-	25,496	1,944,382	64,685	-	2,034,563
September .....	-	-	-	23,961	1,667,160	72,294	-	1,763,415
October .....								
November .....								
December .....								
Total September 1964 .....	444	96,568	389,093	6,809,699	15,749,616	1,025,793	70,871	24,142,084
Total year to date <sup>F</sup> .....	3,806	945,728	3,198,484	60,492,565	147,726,998	9,385,323	450,118	222,203,022
Total September 1963 .....	608	99,253	322,861	6,319,098	14,926,178	1,197,261	66,447	22,931,706

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, September 1964

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 "Imperial" gallons										
<u>New supply</u>										
Domestic production:										
Crude oil .....	444	96,568	389,093	6,785,738	14,022,100	951,951	70,871	22,316,765	...	22,316,765
Condensate .....	-	-	-	-	60,356	1,548	-	61,904	...	61,904
Pentanes plus .....	-	-	-	23,961	1,667,160	72,294	-	1,763,415	...	1,763,415
Total crude oil and equivalent	444	96,568	389,093	6,809,699	15,749,616	1,025,793	70,871	24,142,084	...	24,142,084
Imports .....	...	...	...	...	...	...	...	...	12,232,483	12,232,483
Total new supply .....	444	96,568	389,093	6,809,699	15,749,616	1,025,793	70,871	24,142,084	12,232,483	36,374,567
<u>Disposition</u>										
Deliveries to refineries:										
Atlantic Provinces .....	444	-	-	-	-	-	-	444	3,528,587	3,529,031
Quebec .....	-	-	-	-	-	-	-	-	8,622,906	8,622,906
Ontario .....	-	96,568	308,760	4,107,950	3,580,062	-	-	8,093,340	79,835	8,173,175
Manitoba .....	-	-	100,311	812,833	304,708	-	-	1,217,852	-	1,217,852
Saskatchewan .....	-	-	-	400,381	1,405,893	-	-	1,806,274	-	1,806,274
Alberta .....	-	-	-	72,272	2,317,541	-	-	2,389,813	-	2,389,813
British Columbia .....	-	-	-	-	1,415,316	968,090	-	2,383,406	-	2,383,406
Northwest Territories .....	-	-	-	-	-	-	69,463	69,463	-	69,463
Totals .....	444	96,568	409,071	5,393,436	9,023,520	968,090	69,463	15,960,592	12,231,328	28,191,920
Exports to U.S.A.:										
Northwest Area:										
West of Rocky Mountains .....	-	-	-	-	4,501,834	85,198	-	4,587,032	-	4,587,032
East of Rocky Mountains .....	-	-	-	-	349,954	-	-	349,954	-	349,954
Great Lakes Area .....	-	-	-	1,390,981	2,030,169	-	-	3,421,150	-	3,421,150
Totals .....	-	-	-	1,390,981	6,881,957	85,198	-	8,358,136	-	8,358,136
Deliveries to other purchasers ..	-	-	-	2	7,658	-	-	7,660	-	7,660
Inventories:										
Opening - Field and plant .....	-	-	87,158	383,749	1,086,178	56,958	52,616	1,666,659	-	1,666,659
Transporters' .....	-	-	15,283	5,014,150	14,035,287	1,002,905	-	20,067,625	218,085	20,285,710
Closing - Field and plant .....	-	-	83,782	412,921	1,103,276	62,473	53,977	1,716,429	-	1,716,429
Transporters' .....	-	-	13,689	5,051,477	13,749,246	978,086	-	19,792,498	219,190	20,011,688
Net change .....	-	-	- 4,970	66,499	- 268,943	- 19,304	1,361	- 225,357	1,105	- 224,252
Pipeline fuel .....	-	-	-	-	27,002	-	-	27,002	-	27,002
Field and plant use .....	-	-	-	207	8,423	2,414	-	11,044	-	11,044
Losses and adjustments .....	-	-	- 15,008	- 41,426	69,999	- 10,605	47	3,007	50	3,057
Total disposition .....	444	96,568	389,093	6,809,699	15,749,616	1,025,793	70,871	24,142,084	12,232,483	36,374,567

... Figures not appropriate or not applicable.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, September 1964

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	6,662	775,425	5,297,960
2	Less field flared and waste .....	-	-	1,818,511
3	Net new production (1 - 2) .....	6,662	775,425	3,479,449
	<u>Disposition</u>			
4	Field disposition and uses .....	149	-	186,130
5	Gathering system disposition and uses .....	-	-	46,221
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	63,084
6b	Other disposition and uses .....	-	-	248,844
7	Field injection and storage:			
7a	Injected and stored .....	-	-	81,852
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	81,852
8	Other uses .....	-	-	175,776
9	Adjustment .....	-	-	- 49
10	Deliveries of marketable gas .....	6,513	775,425	2,677,591
11	Total disposition .....	6,662	775,425	3,479,449
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	1,940,572
12b	Fields .....	6,513	775,425	737,019
13	Total (12a + 12b) .....	6,513	775,425	2,677,591
14	Receipts from distributor storage .....	-	375,722	22,063
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	6,513	1,151,147	2,699,654
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	1,121,846
20	Manitoba .....	-	-	447,664
21	Ontario .....	-	801,907	-
22	Quebec .....	-	-	-
23	New Brunswick .....	3,716	-	-
24	Total sales (17 to 23 inclusive) .....	3,716	801,907	1,569,510
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	340,523
28	Pipeline line pack fluctuation .....	-	-	15,888
29	Pipeline fuel .....	-	375,456	44,634
30	Pipeline losses etc. ....	2,797	- 26,216	729,099
31	Total disposition of marketable gas (24 to 30 inclusive) .....	6,513	1,151,147	2,699,654

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, September 1964

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
88,009,503	10,869,236	85,628	105,044,414	-	105,044,414	1
4,004,011	424,576	83,790	6,330,888	-	6,330,888	2
84,005,492	10,444,660	1,838	98,713,526	-	98,713,526	3
1,079,258	92,334	-	1,357,871	-	1,357,871	4
379,603	-	-	425,824	-	425,824	5
8,014,257	385,630	-	8,462,971	-	8,462,971	6a
3,920,296	545,529	-	4,714,669	-	4,714,669	6b
11,860,619	240,436	-	12,182,907	-	12,182,907	7a
124,521	-	-	124,521	-	124,521	7b
11,736,098	240,436	-	12,058,386	-	12,058,386	7c
62,085	-	1,838	239,699	-	239,699	8
- 1,101,220	321,459	-	- 779,810	-	- 779,810	9
59,915,115	8,859,272	-	72,233,916	-	72,233,916	10
84,005,492	10,444,660	1,838	98,713,526	-	98,713,526	11
49,810,681	8,678,993	-	60,430,246	-	60,430,246	12a
10,104,434	180,279	-	11,803,670	-	11,803,670	12b
59,915,115	8,859,272	-	72,233,916	-	72,233,916	13
31,451	-	-	429,236	-	429,236	14
4,069	-	-	4,069	-	4,069	15
59,950,635	8,859,272	-	72,667,221	746,085	73,413,306	16
690,977	1,955,569	-	2,646,546	-	2,646,546	17
10,392,814	-	-	10,392,814	4,980	10,397,794	18
1,514,359	-	-	2,636,205	-	2,636,205	19
819,310	-	-	1,266,974	-	1,266,974	20
9,737,557	-	-	10,539,464	741,105	11,280,569	21
2,774,538	-	-	2,774,538	-	2,774,538	22
-	-	-	3,716	-	3,716	23
25,929,555	1,955,569	-	30,260,257	746,085	31,006,342	24
24,310,744	6,618,887	-	30,929,631	-	30,929,631	25
938,392	-	-	938,392	-	938,392	26
4,021,048	-	-	4,361,571	-	4,361,571	27
- 195,876	- 18,875	-	- 198,863	-	- 198,863	28
1,625,732	115,376	-	2,161,198	-	2,161,198	29
3,321,040	188,315	-	4,215,035	-	4,215,035	30
59,950,635	8,859,272	-	72,667,221	746,085	73,413,306	31



TABLE 4. Production of Natural Gas by Month, by Province, 1964

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
Mcf. at 14.73 p.s.i.a. and 60°F							
January .....	13,661	1,153,281	4,182,480	104,620,680	13,168,099	3,682	123,141,883
February .....	12,317	1,886,872	3,829,373	96,531,124	11,818,507	4,461	114,082,654
March .....	12,711	2,191,960	3,969,890	95,902,648	12,515,103	2,836	114,595,148
April .....	9,157	1,045,233	3,351,961	94,197,166	11,159,635	2,217	109,765,369
May .....	7,133	840,958	3,265,045	87,294,397	10,347,502	1,849	101,756,884
June .....	6,437	764,647	3,069,937	79,754,569	7,904,296	1,838	91,501,724
July .....	6,103	694,424	2,520,841	83,440,539	8,588,402	1,609	95,251,918
August .....	6,346	710,268	2,362,025	87,008,794	8,568,749	1,861	98,658,043
September .....	6,662	775,425	3,479,449	84,005,492	10,444,660	1,838	98,713,526
October .....							
November .....							
December .....							
Total year to date .....	80,527	10,063,068	30,031,001	812,755,409	94,514,953	22,191	947,467,149
Total September 1963 .....	6,518	952,045	3,002,265	73,156,668	8,739,700	2,028	85,859,224

TABLE 5. Production of Propane and Butanes from Natural Gas by Month, by Province, 1964

Month	Propane			Butanes				
	Saskatchewan <sup>r</sup>	Alberta	British Columbia	Canada	Saskatchewan <sup>r</sup>	Alberta	British Columbia	Canada
barrels of 35 "Imperial" gallons								
January .....	56,111	496,469	21,766	574,346	29,680	351,803	37,511	418,994
February .....	52,676	434,516	18,776	505,968	29,412	322,486	37,596	389,494
March .....	57,419	432,777	16,616	506,812	30,529	302,108	41,298	373,935
April .....	54,841	431,917	13,979	500,737	29,732	304,461	31,524	365,717
May .....	54,659	377,772	10,585	443,016	30,851	317,211	30,280	378,342
June .....	35,456	389,203	8,981	433,640	25,630	286,303	33,566	345,499
July .....	47,760	453,798	6,656	508,214	34,531	339,069	33,690	407,290
August .....	55,090	370,634	21,853	447,577	34,028	376,207	40,509	450,744
September .....	55,975	509,793	26,300	592,068	32,264	432,730	41,187	506,181
October .....								
November .....								
December .....								
Total year to date .....	469,987	3,896,879	145,512	4,512,378	276,657	3,032,378	327,161	3,636,196
Total September 1963 .....	52,947	237,457	33,504	323,908	33,133	184,855	39,925	257,913

<sup>F</sup> Revised figures.





Doc  
CATALOGUE No.

26-006

MONTHLY )

Canada. Statistics, Bureau of

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce )

Vol. 16, No. 10

Price: 20 cents, \$2.00 a year

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

OCTOBER 1964

Crude oil and equivalent production increased 5.7 per cent to 25,137,300 barrels (810,881 barrels/day) in October 1964 from 23,784,197 barrels last year. Production of pentanes plus amounted to 2,102,984 barrels. The disposition of Canadian crude oil and equivalent was 62.3 per cent to Canadian refineries, 33.4 per cent was exported and other disposition accounted for 4.3 per cent.

Natural gas production increased 17.0 per cent to 108,539,787 Mcf. from 92,752,114 Mcf. in October 1963. Of the total production of 108.5 million Mcf., 17.7 million was net deliveries to storage and injection operations, 15.1 million was used, lost or unaccounted for in fields and processing plants, 34.4 million was exported, 17.5 million was sold to ultimate customers in the prairies, 14.3 million in Ontario, 3.5 million in British Columbia and 2.9 million in Quebec. The remaining 3.1 million Mcf. was accounted for by other deliveries, line pack changes and pipeline fuel.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent, was formerly published in "Refined Petroleum Products", Catalogue number 45-004. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Additional details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian ("Imperial") gallons at 60°F. Additional details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition and use.

Marketable gas is taken to include all gas purchased by gas utilities either directly from fields or from processing plants and represents the basic point of trade between producers and purchasers.

A companion publication, "Natural Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas are given in thousand cubic feet measured at 14.73 p.s.i.a. and 60°F.

Industry Division

February 1965  
6511-515



TABLE 1. Production of Crude Oil, Condensate and Pentanes Plus by Month, by Province, 1964

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
<u>Crude oil and condensate</u>								
January .....	666	105,271	328,262	6 708,040	15,996,584	992,783	44,175	24 175,781
February .....	398	99,211	321,185	6,388,363	15,311,130	912,755	64,846	23,097,888
March .....	477	112,700	346,811	6,822,575	15,363,508	996,094	35,703	23,677,868
April .....	-	111,006	333,701	6,387,486	12,204,389	984,862	60,202	20,081,646
May .....	769	111,712	346,115	6,695,960	14,718,155	1,016,058	24,278	22,913,047
June .....	308	103,809	359,665	6,730,224	14,572,378	934,947	32,564	22,733,895
July .....	299	106,230	379,261	6,874,151	14,491,869	954,703	59,395	22,865,908
August .....	445	99,221	394,391	6,887,402	13,911,392	991,535	58,084	22,342,470
September .....	444	96,568	389,093	6,785,738	14,082,456	953,499	70,871	22,378,669
October .....	254	101,977	408,626	7,090,808	14,475,956	908,090	48,605	23,034,316
November .....								
December .....								
<u>Pentanes plus</u>								
January .....	-	-	-	23,375	2,016,981	84,092	-	2,124,448
February .....	-	-	-	22,632	1,887,373	80,627	-	1,990,632
March .....	-	-	-	24,484	1,935,958	83,885	-	2,044,327
April .....	-	-	-	21,241	1,976,299	75,303	-	2,072,843
May .....	-	-	-	23,349	1,906,204	73,221	-	2,002,774
June .....	-	-	-	21,278	1,850,876	54,497	-	1,926,651
July .....	-	-	-	26,810	1,889,904	59,483	-	1,976,197
August .....	-	-	-	25,496	1,944,382	64,685	-	2,034,563
September .....	-	-	-	23,961	1,667,160	72,294	-	1,763,415
October .....	-	-	-	25,367	1,995,249	82,368	-	2,102,984
November .....								
December .....								
Total October 1964 .....	254	101,977	408,626	7,116,175	16,471,205	990,458	48,605	25,137,300
Total year to date .....	4,060	1,047,705	3,607,110	67,608,740	164,198,203	10,375,781	498,723	247,340,322
Total October 1963 .....	562	107,959	335,779	6,621,229	15,450,980	1,207,234	60,454	23,784,197

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, October 1964

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 "Imperial" gallons										
<u>New supply</u>										
Domestic production:										
Crude oil .....	254	101,977	408,626	7,090,808	14,409,886	906,118	48,605	22,966,274	...	22,966,274
Condensate .....	-	-	-	-	66,070	1,972	-	68,042	...	68,042
Pentanes plus .....	-	-	-	25,367	1,995,249	82,368	-	2,102,984	...	2,102,984
Total crude oil and equivalent	254	101,977	408,626	7,116,175	16,471,205	990,458	48,605	25,137,300	...	25,137,300
Imports .....	...	...	...	...	...	...	...	...	13,701,949	13,701,949
Total new supply .....	254	101,977	408,626	7,116,175	16,471,205	990,458	48,605	25,137,300	13,701,949	38,839,249
<u>Disposition</u>										
Deliveries to refineries:										
Atlantic Provinces .....	254	-	-	-	-	-	-	254	4,006,017	4,006,271
Quebec .....	-	-	-	-	-	-	-	-	9,702,680	9,702,680
Ontario .....	-	101,977	319,478	4,078,333	3,220,942	-	-	7,720,730	-	7,720,730
Manitoba .....	-	-	123,108	469,183	437,511	-	-	1,029,802	-	1,029,802
Saskatchewan .....	-	-	-	213,311	1,098,829	-	-	1,312,140	-	1,312,140
Alberta .....	-	-	-	92,182	2,590,376	-	-	2,682,558	-	2,682,558
British Columbia .....	-	-	-	-	1,961,383	983,510	-	2,944,893	-	2,944,893
Northwest Territories .....	-	-	-	-	-	-	22,260	22,260	-	22,260
Totals .....	254	101,977	442,586	4,853,009	9,309,041	983,510	22,260	15,712,637	13,708,697	29,421,334
Exports to U.S.A.:										
Northwest Area:										
West of Rocky Mountains .....	-	-	-	-	4,335,609	43,211	-	4,378,820	-	4,378,820
East of Rocky Mountains .....	-	-	-	-	408,611	-	-	408,611	-	408,611
Great Lakes Area .....	-	-	-	1,469,966	2,171,990	-	-	3,641,956	-	3,641,956
Totals .....	-	-	-	1,469,966	6,916,210	43,211	-	8,429,387	-	8,429,387
Deliveries to other purchasers ..	-	-	-	186	9,156	-	-	9,342	-	9,342
Inventories:										
Opening - Field and plant .....	-	-	83,782	412,921	1,103,276	62,473	53,977	1,716,429	-	1,716,429
Transporters' .....	-	-	13,689	5,051,477	13,749,246	978,086	-	19,792,498	219,190	20,011,688
Closing - Field and plant .....	-	-	82,897	424,086	1,135,079	48,655	79,801	1,770,518	-	1,770,518
Transporters' .....	-	-	13,517	5,649,511	14,194,263	914,851	-	20,772,142	214,446	20,986,588
Net change .....	-	-	- 1,057	609,199	476,820	- 77,053	25,824	1,033,733	- 4,744	1,028,989
Pipeline fuel .....	-	-	-	-	26,174	-	-	26,174	-	26,174
Field and plant use .....	-	-	-	172	11,443	- 251	-	11,364	-	11,364
Losses and adjustments .....	-	-	- 32,903	183,643	- 277,639	41,041	521	- 85,337	- 2,004	- 87,341
Total disposition .....	254	101,977	408,626	7,116,175	16,471,205	990,458	48,605	25,137,300	13,701,949	38,839,249

... Figures not appropriate or not applicable.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, October 1964

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	7,280	894,621	5,468,491
2	Less field flared and waste .....	-	-	1,913,449
3	Net new production (1 - 2) .....	7,280	894,621	3,555,042
	<u>Disposition</u>			
4	Field disposition and uses .....	163	-	156,846
5	Gathering system disposition and uses .....	-	-	33,249
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	185,692
6b	Other disposition and uses .....	-	-	99,232
7	Field injection and storage:			
7a	Injected and stored .....	-	-	77,976
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	77,976
8	Other uses .....	-	-	192,873
9	Adjustment .....	-	-	- 62
10	Deliveries of marketable gas .....	7,117	894,621	2,809,236
11	Total disposition .....	7,280	894,621	3,555,042
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	2,010,774
12b	Fields .....	7,117	894,621	798,462
13	Total (12a + 12b) .....	7,117	894,621	2,809,236
14	Receipts from distributor storage .....	-	773,667	1,688
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	7,117	1,668,288	2,810,924
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	1,604,697
20	Manitoba .....	-	-	472,592
21	Ontario .....	-	1,457,510	-
22	Quebec .....	-	-	-
23	New Brunswick .....	4,620	-	-
24	Total sales (17 to 23 inclusive) .....	4,620	1,457,510	2,077,289
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	243,686
28	Pipeline line pack fluctuation .....	-	-	- 15,858
29	Pipeline fuel .....	-	29,985	50,760
30	Pipeline losses etc. ....	2,497	180,793	455,047
31	Total disposition of marketable gas (24 to 30 inclusive) .....	7,117	1,668,288	2,810,924

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, October 1964

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
96,115,515	12,454,707	47,723	114,988,337	-	114,988,337	1
4,057,078	432,696	45,327	6,448,550	-	6,448,550	2
92,058,437	12,022,011	2,396	108,539,787	-	108,539,787	3
907,563	- 47,736	-	1,016,836	-	1,016,836	4
- 368,922	-	-	- 335,673	-	- 335,673	5
8,938,442	584,350	-	9,708,484	-	9,708,484	6a
4,075,395	786,979	-	4,961,606	-	4,961,606	6b
16,544,790	202,731	-	16,825,497	-	16,825,497	7a
111,477	-	-	111,477	-	111,477	7b
16,433,313	202,731	-	16,714,020	-	16,714,020	7c
64,806	-	2,396	260,075	-	260,075	8
- 5,931,778	195,161	-	- 5,736,679	-	- 5,736,679	9
67,939,618	10,300,526	-	81,951,118	-	81,951,118	10
92,058,437	12,022,011	2,396	108,539,787	-	108,539,787	11
56,010,100	9,904,344	-	67,925,218	-	67,925,218	12a
11,929,518	396,182	-	14,025,900	-	14,025,900	12b
67,939,618	10,300,526	-	81,951,118	-	81,951,118	13
79,755	-	-	855,110	-	855,110	14
2,490	-	-	2,490	-	2,490	15
68,021,863	10,300,526	-	82,808,718	157,258	82,965,976	16
833,056	2,688,162	-	3,521,218	-	3,521,218	17
12,040,159	-	-	12,040,159	5,794	12,045,953	18
1,936,361	-	-	3,541,058	-	3,541,058	19
1,465,814	-	-	1,938,406	-	1,938,406	20
12,884,514	-	-	14,342,024	151,464	14,493,488	21
2,894,703	-	-	2,894,703	-	2,894,703	22
-	-	-	4,620	-	4,620	23
32,054,607	2,688,162	-	38,282,188	157,258	38,439,446	24
27,362,331	7,078,980	-	34,441,311	-	34,441,311	25
187,566	-	-	187,566	-	187,566	26
1,647,229	-	-	1,890,915	-	1,890,915	27
241,025	177,842	-	403,009	-	403,009	28
2,127,552	174,407	-	2,382,704	-	2,382,704	29
4,401,553	181,135	-	5,221,025	-	5,221,025	30
68,021,863	10,300,526	-	82,808,718	157,258	82,965,976	31



Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
					Mcf. at 14.73 p.s.i.a. and 60°F		
January .....	13,661	1,153,281	4,182,480	104,620,680	13,168,099	3,682	123,141,883
February .....	12,317	1,886,872	3,829,373	96,531,124	11,818,507	4,461	114,082,654
March .....	12,711	2,191,960	3,969,890	95,902,648	12,515,103	2,836	114,595,148
April .....	9,157	1,045,233	3,351,961	94,197,166	11,159,635	2,217	109,765,369
May .....	7,133	840,958	3,265,045	87,294,397	10,347,502	1,849	101,756,884
June .....	6,437	764,647	3,069,937	79,754,569	7,904,296	1,838	91,501,724
July .....	6,103	694,424	2,520,841	83,440,539	8,588,402	1,609	95,251,918
August .....	6,346	710,268	2,362,025	87,008,794	8,568,749	1,861	98,658,043
September .....	6,662	775,425	3,479,449	84,005,492	10,444,660	1,838	98,713,526
October .....	7,280	894,621	3,555,042	92,058,437	12,022,011	2,396	108,539,787
November .....							
December .....							
Total year to date .....	87,807	10,957,689	33,586,043	904,813,846	106,536,964	24,587	1,056,006,936
Total October 1963 .....	6,697	1,292,972	2,748,587	78,443,749	10,258,089	2,020	92,752,114

TABLE 5. Production of Propane and Butanes from Natural Gas by Month, by Province, 1964

Month	Propane				Butanes			
	Saskatchewan	Alberta	British Columbia	Canada	Saskatchewan	Alberta	British Columbia	Canada
					barrels of 35 "Imperial" gallons			
January .....	56,111	496,469	21,766	574,346	29,680	351,803	37,511	418,994
February .....	52,676	434,516	18,776	505,968	29,412	322,486	37,596	389,494
March .....	57,419	432,777	16,616	506,812	30,529	302,108	41,298	373,935
April .....	54,841	431,917	13,979	500,737	29,732	304,461	31,524	365,717
May .....	54,659	377,772	10,585	443,016	31,721	317,211	30,280	378,342
June .....	35,456	389,203	8,981	433,640	25,630	286,303	33,566	345,499
July .....	47,760	453,798	6,656	508,214	34,531	339,069	33,690	407,290
August .....	55,090	370,634	21,853	447,577	34,028	376,207	40,509	450,744
September .....	55,975	509,793	26,300	592,068	32,264	432,730	41,187	506,181
October .....	60,355	601,580	31,615	693,550	31,888	521,840	46,222	599,950
November .....								
December .....								
Total year to date .....	530,342	4,498,459	177,127	5,205,928	308,545	3,554,218	373,383	4,236,146
Total October 1963 .....	53,374	270,135	36,095	359,604	29,538	226,166	56,448	312,152





CATALOGUE No.

26-006

MONTHLY

Canada. Statistics. Bureau of  
DOMINION BUREAU OF STATISTICS  
(OTTAWA - CANADA)

Published by Authority of the Minister of Trade and Commerce

Vol. 16, No. 11

Price: 20 cents, \$2.00 a year

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

NOVEMBER 1964

Crude oil and equivalent production increased 10.6 per cent to 25,366,718 barrels (845,557 barrels/day) in November 1964 from 22,943,318 barrels last year. Production of pentanes plus amounted to 2,048,951 barrels. The disposition of Canadian crude oil and equivalent was 66.3 per cent to Canadian refineries, 33.1 per cent was exported and other disposition accounted for 0.6 per cent.

Natural gas production increased 12.4 per cent to 117,862,904 Mcf. from 104,878,286 Mcf. in November 1963. Of the total production of 117.9 million Mcf., 12.0 million was net deliveries to storage and injection operations, 14.9 million was used, lost or unaccounted for in fields and processing plants, 34.5 million was exported, 20.8 million was sold to ultimate customers in the prairies, 16.4 million in Ontario, 4.7 million in British Columbia and 3.0 million in Quebec. The remaining 11.6 million Mcf. was accounted for by other deliveries, line pack changes and pipeline fuel.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent, was formerly published in "Refined Petroleum Products", Catalogue number 45-004. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Additional details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian ("Imperial") gallons at 60°F. Additional details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition and use.

Marketable gas is taken to include all gas purchased by gas utilities either directly from fields or from processing plants and represent the basic point of trade between producers and purchasers.

A companion publication, "Natural Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas are given in thousand cubic feet measured at 14.73 p.s.i.a. and 60°F.

Industry Division

March 1965  
6511-515



TABLE 1. Production of Crude Oil, Condensate and Pentanes Plus by Month, by Province, 1964

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
<u>Crude oil and condensate</u>								
January .....	666	105,271	328,262	6,708,040	15,996,584	992,783	44,175	24,175,781
February .....	398	99,211	321,185	6,388,363	15,311,130	912,755	64,846	23,097,888
March .....	477	112,700	346,811	6,822,575	15,363,508	996,094	35,703	23,677,868
April .....	-	111,006	333,701	6,387,486	12,204,389	984,862	60,202	20,081,646
May .....	769	111,712	346,115	6,695,960	14,718,155	1,016,058	24,278	22,913,047
June .....	308	103,809	359,665	6,730,224	14,572,378	934,947	32,564	22,733,895
July .....	299	106,230	379,261	6,874,151	14,491,869	954,703	59,395	22,865,908
August .....	445	99,221	394,391	6,887,402	13,911,392	991,535	58,084	22,342,470
September .....	444	96,568	389,093	6,785,738	14,082,456	953,499	70,871	22,378,669
October .....	254	101,977	408,626	7,090,808	14,475,956	908,090	48,605	23,034,316
November .....	334	95,488	399,113	6,950,022	14,969,994	870,972	31,844	23,317,767
December .....								
<u>Pentanes plus</u>								
January .....	-	-	-	23,375	2,016,981	84,092	-	2,124,448
February .....	-	-	-	22,632	1,887,373	80,627	-	1,990,632
March .....	-	-	-	24,484	1,935,958	83,885	-	2,044,327
April .....	-	-	-	21,241	1,976,299	75,303	-	2,072,843
May .....	-	-	-	23,349	1,906,204	73,221	-	2,002,774
June .....	-	-	-	21,278	1,850,876	54,497	-	1,926,651
July .....	-	-	-	26,810	1,889,904	59,483	-	1,976,197
August .....	-	-	-	25,496	1,944,382	64,685	-	2,034,563
September .....	-	-	-	23,961	1,667,160	72,294	-	1,763,415
October .....	-	-	-	25,367	1,995,249	82,368	-	2,102,984
November .....	-	-	-	24,068	1,933,237	91,646	-	2,048,951
December .....								
Total November 1964 .....	334	95,488	399,113	6,974,090	16,903,231	962,618	31,844	25,366,718
Total year to date .....	4,394	1,143,193	4,006,223	74,582,830	181,101,434	11,338,399	530,567	272,707,040
Total November 1963 .....	581	106,161	324,008	6,415,986	14,917,680	1,136,830	42,072	22,943,318

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 "Imperial" gallons										
<u>New supply</u>										
Domestic production:										
Crude oil .....	334	95,488	399,113	6,950,022	14,913,266	869,136	31,844	23,259,203	...	23,259,203
Condensate .....	-	-	-	-	56,728	1,836	-	58,564	...	58,564
Pentanes plus .....	-	-	-	24,068	1,933,237	91,646	-	2,048,951	...	2,048,951
Total crude oil and equivalent	334	95,488	399,113	6,974,090	16,903,231	962,618	31,844	25,366,718	...	25,366,718
Imports .....	...	...	...	...	...	...	...	...	12,135,868	12,135,868
Total new supply .....	334	95,488	399,113	6,974,090	16,903,231	962,618	31,844	25,366,718	12,135,868	37,502,586
<u>Disposition</u>										
Deliveries to refineries:										
Atlantic Provinces .....	334	-	-	-	-	-	-	334	2,638,628	2,638,962
Quebec .....	-	-	-	-	-	-	-	-	9,477,174	9,477,174
Ontario .....	-	95,488	306,675	4,674,637	3,787,669	-	-	8,864,469	-	8,864,469
Manitoba .....	-	-	119,647	472,066	483,829	-	-	1,075,542	-	1,075,542
Saskatchewan .....	-	-	-	456,153	1,275,373	-	-	1,731,526	-	1,731,526
Alberta .....	-	-	-	60,451	2,501,109	-	-	2,561,560	-	2,561,560
British Columbia .....	-	-	-	-	1,764,918	860,930	-	2,625,848	-	2,625,848
Northwest Territories .....	-	-	-	-	-	-	37,452	37,452	-	37,452
Totals .....	334	95,488	426,322	5,663,307	9,812,898	860,930	37,452	16,896,731	12,115,802	29,012,533
Exports to U.S.A.:										
Northwest Area:										
West of Rocky Mountains .....	-	-	-	-	4,071,980	56,127	-	4,128,107	-	4,128,107
East of Rocky Mountains .....	-	-	-	-	406,188	-	-	406,188	-	406,188
Great Lakes Area .....	-	-	-	1,693,233	2,225,129	-	-	3,918,362	-	3,918,362
Totals .....	-	-	-	1,693,233	6,703,297	56,127	-	8,452,657	-	8,452,657
Deliveries to other purchasers ..	-	-	-	230	6,850	-	-	7,080	-	7,080
Inventories:										
Opening - Field and plant .....	-	-	82,897	424,086	1,135,079	48,655	79,801	1,770,518	-	1,770,518
Transporters' .....	-	-	13,517	5,649,511	14,194,263	914,851	-	20,772,142	214,446	20,986,588
Closing - Field and plant .....	-	-	82,477	455,127	1,183,097	65,300	74,193	1,860,194	-	1,860,194
Transporters' .....	-	-	14,286	5,219,825	14,437,877	868,686	-	20,540,674	231,979	20,772,653
Net change .....	-	-	349	- 398,645	291,632	- 29,520	- 5,608	- 141,792	17,533	- 124,259
Pipeline fuel .....	-	-	-	-	29,115	-	-	29,115	-	29,115
Field and plant use .....	-	-	-	264	12,736	5,840	-	18,840	-	18,840
Losses and adjustments .....	-	-	- 27,558	15,701	46,703	69,241	-	104,087	2,533	106,620
Total disposition .....	334	95,488	399,113	6,974,090	16,903,231	962,618	31,844	25,366,718	12,135,868	37,502,586

... Figures not appropriate or not applicable.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, November 1964

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	7,691	1,203,837	5,458,603
2	Less field flared and waste .....	-	-	1,664,484
3	Net new production (1 - 2) .....	7,691	1,203,837	3,794,119
	<u>Disposition</u>			
4	Field disposition and uses .....	172	-	171,228
5	Gathering system disposition and uses .....	-	-	40,878
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	179,551
6b	Other disposition and uses .....	-	-	91,968
7	Field injection and storage:			
7a	Injected and stored .....	-	-	71,910
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	71,910
8	Other uses .....	-	-	182,660
9	Adjustment .....	-	-	- 114
10	Deliveries of marketable gas .....	7,519	1,203,837	3,056,038
11	Total disposition .....	7,691	1,203,837	3,794,119
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	2,127,561
12b	Fields .....	7,519	1,203,837	928,477
13	Total (12a + 12b) .....	7,519	1,203,837	3,056,038
14	Receipts from distributor storage .....	-	3,225,719	283,645
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	7,519	4,429,556	3,339,683
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	1,894,320
20	Manitoba .....	-	-	241,722
21	Ontario .....	-	4,078,202	-
22	Quebec .....	-	-	-
23	New Brunswick .....	5,177	-	-
24	Total sales (17 to 23 inclusive) .....	5,177	4,078,202	2,136,042
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	60,253
28	Pipeline line pack fluctuation .....	-	-	5,779
29	Pipeline fuel .....	-	28,997	62,387
30	Pipeline losses etc. ....	2,342	322,357	1,075,222
31	Total disposition of marketable gas (24 to 30 inclusive) .....	7,519	4,429,556	3,339,683

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, November 1964

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
103,030,071	14,240,831	28,560	123,969,593	-	123,969,593	1
3,998,538	419,056	24,611	6,106,689	-	6,106,689	2
99,031,533	13,821,775	3,949	117,862,904	-	117,862,904	3
- 121,877	113,397	-	162,920	-	162,920	4
249,201	-	-	290,079	-	290,079	5
8,623,739	618,967	-	9,422,257	-	9,422,257	6a
3,940,311	921,387	-	4,953,666	-	4,953,666	6b
14,848,516	264,267	-	15,184,693	-	15,184,693	7a
104,052	-	-	104,052	-	104,052	7b
14,744,464	264,267	-	15,080,641	-	15,080,641	7c
69,657	-	3,949	256,266	-	256,266	8
- 312,899	126,372	-	- 186,641	-	- 186,641	9
71,838,937	11,777,385	-	87,883,716	-	87,883,716	10
99,031,533	13,821,775	3,949	117,862,904	-	117,862,904	11
56,768,233	11,403,513	-	70,299,307	-	70,299,307	12a
15,070,704	373,872	-	17,584,409	-	17,584,409	12b
71,838,937	11,777,385	-	87,883,716	-	87,883,716	13
291,015	-	-	3,800,379	-	3,800,379	14
-	-	-	-	-	-	15
72,129,952	11,777,385	-	91,684,095	10,113	91,694,208	16
967,298	3,723,345	-	4,690,643	-	4,690,643	17
14,204,599	-	-	14,204,599	10,113	14,214,712	18
2,326,099	-	-	4,220,419	-	4,220,419	19
2,142,156	-	-	2,383,878	-	2,383,878	20
12,290,292	-	-	16,368,494	-	16,368,494	21
3,005,015	-	-	3,005,015	-	3,005,015	22
-	-	-	5,177	-	5,177	23
34,935,459	3,723,345	-	44,878,225	10,113	44,888,338	24
26,999,146	7,513,261	-	34,512,407	-	34,512,407	25
214,245	-	-	214,245	-	214,245	26
663,030	-	-	723,283	-	723,283	27
- 28,102	- 69,305	-	- 91,628	-	- 91,628	28
2,870,410	260,404	-	3,222,198	-	3,222,198	29
6,475,764	349,680	-	8,225,365	-	8,225,365	30
72,129,952	11,777,385	-	91,684,095	10,113	91,694,208	31



Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
					Mcf. at 14.73 p.s.i.a. and 60°F		
January .....	13,661	1,153,281	4,182,480	104,620,680	13,168,099	3,682	123,141,883
February .....	12,317	1,886,872	3,829,373	96,531,124	11,818,507	4,461	114,082,654
March .....	12,711	2,191,960	3,969,890	95,902,648	12,515,103	2,836	114,595,148
April .....	9,157	1,045,233	3,351,961	94,197,166	11,159,635	2,217	109,765,369
May .....	7,133	840,958	3,265,045	87,294,397	10,347,502	1,849	101,756,884
June .....	6,437	764,647	3,069,937	79,754,569	7,904,296	1,838	91,501,724
July .....	6,103	694,424	2,520,841	83,440,539	8,588,402	1,609	95,251,918
August .....	6,346	710,268	2,362,025	87,008,794	8,568,749	1,861	98,658,043
September .....	6,662	775,425	3,479,449	84,005,492	10,444,660	1,838	98,713,526
October .....	7,280	894,621	3,555,042	92,058,437	12,022,011	2,396	108,539,787
November .....	7,691	1,203,837	3,794,119	99,031,533	13,821,775	3,949	117,862,904
December .....							
Total year to date .....	95,498	12,161,526	37,380,162	1,003,845,379	120,358,739	28,536	1,173,869,840
Total November 1963 .....	7,321	1,333,132	3,497,197	89,178,743	10,858,531	3,362	104,878,286

TABLE 5. Production of Propane and Butanes from Natural Gas by Month, by Province, 1964

Month	Propane				Butanes			
	Saskatchewan	Alberta	British Columbia	Canada	Saskatchewan	Alberta	British Columbia	Canada
	barrels of 35 "Imperial" gallons							
January .....	56,111	496,469	21,766	574,346	29,680	351,803	37,511	418,994
February .....	52,676	434,516	18,776	505,968	29,412	302,486	37,596	389,494
March .....	57,419	432,777	16,616	506,812	30,529	302,108	41,298	373,935
April .....	54,841	431,917	13,979	500,737	29,732	304,461	31,524	365,717
May .....	54,659	377,772	10,585	443,016	30,851	317,211	30,280	378,342
June .....	35,456	389,203	8,981	433,640	25,630	286,303	33,566	345,499
July .....	47,760	453,798	6,556	508,214	34,531	339,069	33,690	407,290
August .....	55,090	370,634	21,853	447,577	34,028	376,207	40,509	450,744
September .....	55,975	509,793	26,300	592,068	32,264	432,730	41,187	506,181
October .....	60,355	601,580	31,615	693,550	31,888	521,840	46,222	599,950
November .....	58,921	607,714	29,504	696,139	30,141	531,994	42,106	604,241
December .....								
Total year to date .....	589,263	5,106,173	206,631	5,902,067	338,686	4,086,212	415,489	4,840,387
Total November 1963 .....	57,627	317,272	45,571	420,470	31,934	233,863	58,720	324,517





Doc  
CATALOGUE No.

26-006

MONTHLY)

Canada. Statistics, Bureau of  
DOMINION BUREAU OF STATISTICS

(OTTAWA - CANADA) MAY 10 1965

Published by Authority of the Minister of Trade and Commerce

Vol. 16, No. 12

Price: 20 cents, \$2.00 a year

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

DECEMBER 1964

For the twelve-month period January to December 1964 crude oil and equivalent production totalled 299,858,341 barrels compared with 279,424,994 barrels in 1963, an increase of 7.3 per cent. Pentanes plus in 1964 amounted to 24,494,472 barrels from 20,990,200 barrels last year, up 16.7 per cent. Production of crude oil and equivalent for December was 27,159,779 barrels (876,122 barrels/day) from 25,769,486 barrels in December 1963. Pentanes plus amounted to 2,406,687 barrels. The disposition of Canadian crude oil and equivalent was 65.6 per cent to Canadian refineries, 33.6 per cent was exported and other disposition accounted for 0.8 per cent.

Natural gas production for the period January to December 1964 increased 17.8 per cent to 1,317,717,600 Mcf. from 1,118,629,795 Mcf. in 1963. The December production of natural gas totalled 143,839,326 Mcf., 25.4 per cent higher than the previous year. Of the total production of 143.8 million Mcf., 12.7 million was net deliveries to storage and injection operations, 25.0 million was used, lost or unaccounted for in fields and processing plants, 36.7 million was exported, 28.9 million was sold to ultimate customers in the prairies, 19.9 million in Ontario, 5.7 million in British Columbia and 3.0 million in Quebec. The remaining 11.9 million Mcf. was accounted for by other deliveries, line pack changes and pipeline fuel.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent, was formerly published in "Refined Petroleum Products", Catalogue number 45-004. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Additional details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

Volumes of crude oil in Tables 1 and 2 are given in barrels of 35 Canadian gallons at 60° F, while volumes in Table 6 are given in thousand barrels of 35 Canadian gallons at 60° F. Additional details of production are published by the individual provinces.

In Table 3 disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition and use.

Marketable gas is taken to include all gas purchased by gas utilities either directly from fields or from processing plants and represent the basic point of trade between producers and purchasers.

A companion publication, "Natural Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

Volumes of natural gas in Tables 3 and 4 are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60° F, while volumes in Table 7 are measured in million cubic feet at 14.73 p.s.i.a. at 60° F.

Industry Division

April 1965  
6511-515



TABLE 1. Production of Crude Oil, Condensate and Pentanes Plus by Month, by Province, 1964

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta <sup>†</sup>	British Columbia	Northwest Territories	Canada
barrels of 35 Canadian gallons								
<u>Crude oil and condensate</u>								
January .....	666	105,271	328,262	6,708,040	15,988,106	992,783	44,175	24,167,303
February .....	398	99,211	321,185	6,388,363	15,311,130	912,755	64,846	23,097,888
March .....	477	112,700	346,811	6,822,575	15,363,508	996,094	35,703	23,677,868
April .....	-	111,006	333,701	6,387,486	12,204,308	984,862	60,202	20,081,565
May .....	769	111,712	346,115	6,695,960	14,718,155	1,016,058	24,278	22,913,047
June .....	308	103,809	359,665	6,730,224	14,572,378	934,947	32,564	22,733,895
July .....	299	106,230	379,261	6,874,151	14,491,869	954,703	59,395	22,865,908
August .....	445	99,221	394,391	6,887,402	13,911,392	991,535	58,084	22,342,470
September .....	444	96,568	389,093	6,785,738	14,082,537	953,499	70,871	22,378,750
October .....	254	101,977	408,626	7,090,808	14,475,956	908,090	48,605	23,034,316
November .....	334	95,488	399,113	6,950,022	14,969,994	870,972	31,844	23,317,767
December .....	294	100,591	411,001	7,056,872	16,094,425	1,034,180	55,729	24,753,092
<u>Pentanes plus</u>								
January .....	-	-	-	23,375	2,016,981	84,092	-	2,124,448
February .....	-	-	-	22,632	1,887,373	80,627	-	1,990,632
March .....	-	-	-	24,484	1,935,958	83,885	-	2,044,327
April .....	-	-	-	21,241	1,976,299	75,303	-	2,072,843
May .....	-	-	-	23,349	1,906,204	73,221	-	2,002,774
June .....	-	-	-	21,278	1,850,876	54,497	-	1,926,651
July .....	-	-	-	26,810	1,889,904	59,483	-	1,976,197
August .....	-	-	-	25,496	1,944,382	64,685	-	2,034,563
September .....	-	-	-	23,961	1,667,160	72,294	-	1,763,415
October .....	-	-	-	25,367	1,995,249	82,368	-	2,102,984
November .....	-	-	-	24,068	1,933,237	91,646	-	2,048,951
December .....	-	-	-	23,563	2,295,291	87,833	-	2,406,687
Total December 1964 .....	294	100,591	411,001	7,080,435	18,389,716	1,122,013	55,729	27,159,779
Total year to date .....	4,688	1,243,784	4,417,224	81,663,265	199,482,672	12,460,412	586,296	299,858,341
Total December 1963 .....	433	104,569	322,797	6,587,509	17,504,780	1,189,124	60,274	25,769,486

<sup>†</sup> Revised figures.

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
<u>New supply</u>										
Domestic production:										
Crude oil .....	294	100,591	411,001	7,056,872	16,016,432	1,032,751	55,729	24,673,670	...	24,673,670
Condensate .....	-	-	-	-	77,993	1,429	-	79,422	...	79,422
Pentanes plus .....	-	-	-	23,563	2,295,291	87,833	-	2,406,687	...	2,406,687
Total crude oil and equivalent	294	100,591	411,001	7,080,435	18,389,716	1,122,013	55,729	27,159,779	...	27,159,779
Imports .....	...	...	...	...	...	...	...	...	12,007,168	12,007,168
Total new supply .....	294	100,591	411,001	7,080,435	18,389,716	1,122,013	55,729	27,159,779	12,007,168	39,166,947
<u>Disposition</u>										
Deliveries to refineries:										
Atlantic Provinces .....	294	-	-	-	-	-	-	294	3,419,760	3,420,054
Quebec .....	-	-	-	-	-	-	-	-	8,620,061	8,620,061
Ontario .....	-	100,591	310,738	4,123,828	4,313,270	-	-	8,848,427	-	8,848,427
Manitoba .....	-	-	128,972	702,178	442,909	-	-	1,274,059	-	1,274,059
Saskatchewan .....	-	-	-	421,100	1,427,937	-	-	1,849,037	-	1,849,037
Alberta .....	-	-	-	58,323	2,709,311	-	-	2,767,634	-	2,767,634
British Columbia .....	-	-	-	-	1,994,651	1,024,191	-	3,018,842	-	3,018,842
Northwest Territories .....	-	-	-	-	-	-	72,390	72,390	-	72,390
Totals .....	294	100,591	439,710	5,305,429	10,888,078	1,024,191	72,390	17,830,683	12,039,821	29,870,504
Exports to U.S.A.:										
Northwest Area:										
West of Rocky Mountains .....	-	-	-	-	4,136,180	71,559	-	4,207,739	-	4,207,739
East of Rocky Mountains .....	-	-	-	-	476,270	-	-	476,270	-	476,270
Great Lakes Area .....	-	-	-	2,166,706	2,294,332	-	-	4,461,038	-	4,461,038
Totals .....	-	-	-	2,166,706	6,906,782	71,559	-	9,145,047	-	9,145,047
Deliveries to other purchasers ..	-	-	-	785	5,370	-	-	6,155	-	6,155
Inventories:										
Opening - Field and plant .....	-	-	82,477	455,127	1,183,097	65,300	74,193	1,860,194	-	1,860,194
Transporters' .....	-	-	14,286	5,219,825	14,437,877	868,686	-	20,540,674	231,979	20,772,653
Closing - Field and plant .....	-	-	89,124	467,826	965,701	53,705	57,227	1,633,583	-	1,633,583
Transporters' .....	-	-	13,098	4,831,187	15,003,340	1,084,498	-	20,932,123	198,412	21,130,535
Net change .....	-	-	5,459	- 375,939	348,067	204,217	- 16,966	164,838	- 33,567	131,271
Pipeline fuel .....	-	-	-	-	28,019	-	-	28,019	-	28,019
Field and plant use .....	-	-	-	868	11,004	3,427	-	15,299	-	15,299
Losses and adjustments .....	-	-	- 34,168	- 17,414	202,396	- 181,381	305	- 30,262	914	- 29,348
Total disposition .....	294	100,591	411,001	7,080,435	18,389,716	1,122,013	55,729	27,159,779	12,007,168	39,166,947

... Figures not appropriate or not applicable.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, December 1964

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	9,557	1,577,062	5,466,728
2	Less field flared and waste .....	-	-	1,489,911
3	Net new production (1 - 2) .....	9,557	1,577,062	3,976,817
	<u>Disposition</u>			
4	Field disposition and uses .....	214	-	167,874
5	Gathering system disposition and uses .....	-	-	28,538
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	172,062
6b	Other disposition and uses .....	-	-	112,689
7	Field injection and storage:			
7a	Injected and stored .....	-	-	48,988
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	48,988
8	Other uses .....	-	-	202,331
9	Adjustment .....	-	-	15,608
10	Deliveries of marketable gas .....	9,343	1,577,062	3,228,727
11	Total disposition .....	9,557	1,577,062	3,976,817
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	2,104,437
12b	Fields .....	9,343	1,577,062	1,124,290
13	Total (12a + 12b) .....	9,343	1,577,062	3,228,727
14	Receipts from distributor storage .....	-	4,283,247	723,786
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	9,343	5,860,309	3,952,513
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	2,355,085
20	Manitoba .....	-	-	326,032
21	Ontario .....	-	5,674,093	-
22	Quebec .....	-	-	-
23	New Brunswick .....	5,206	-	-
24	Total sales (17 to 23 inclusive) .....	5,206	5,674,093	2,681,117
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	73,148
28	Pipeline line pack fluctuation .....	-	-	3,505
29	Pipeline fuel .....	-	45,771	78,159
30	Pipeline losses etc. ....	4,137	140,445	1,116,584
31	Total disposition of marketable gas (24 to 30 inclusive) .....	9,343	5,860,309	3,952,513

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, December 1964

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
127,191,411	15,486,912	43,336	149,775,006	-	149,775,006	1
3,961,628	446,566	37,575	5,935,680	-	5,935,680	2
123,229,783	15,040,346	5,761	143,839,326	-	143,839,326	3
1,119,027	122,442	-	1,409,557	-	1,409,557	4
172,196	-	-	200,734	-	200,734	5
9,789,394	649,409	-	10,610,865	-	10,610,865	6a
5,066,934	1,180,407	-	6,360,030	-	6,360,030	6b
17,382,115	209,337	-	17,640,440	-	17,640,440	7a
301,735	-	-	301,735	-	301,735	7b
17,080,380	209,337	-	17,338,705	-	17,338,705	7c
92,503	-	5,761	300,595	-	300,595	8
5,926,819	204,309	-	6,146,736	-	6,146,736	9
83,982,530	12,674,442	-	101,472,104	-	101,472,104	10
123,229,783	15,040,346	5,761	143,839,326	-	143,839,326	11
64,214,377	12,241,989	-	78,560,803	-	78,560,803	12a
19,768,153	432,453	-	22,911,301	-	22,911,301	12b
83,982,530	12,674,442	-	101,472,104	-	101,472,104	13
581,210	-	-	5,588,243	-	5,588,243	14
81,785	50,742	-	132,527	-	132,527	15
84,645,525	12,725,184	-	107,192,874	1,652,330	108,845,204	16
1,251,773	4,409,931	-	5,661,704	-	5,661,704	17
19,843,523	-	-	19,843,523	15,958	19,859,481	18
3,009,409	-	-	5,364,494	-	5,364,494	19
3,352,281	-	-	3,678,313	-	3,678,313	20
14,242,618	-	-	19,916,711	1,636,372	21,553,083	21
3,005,379	-	-	3,005,379	-	3,005,379	22
-	-	-	5,206	-	5,206	23
44,704,983	4,409,931	-	57,475,330	1,652,330	59,127,660	24
29,266,644	7,447,259	-	36,713,903	-	36,713,903	25
261,908	-	-	261,908	-	261,908	26
878,396	-	-	951,544	-	951,544	27
347,524	32,988	-	384,017	-	384,017	28
3,655,630	374,487	-	4,154,047	-	4,154,047	29
5,530,440	460,519	-	7,252,125	-	7,252,125	30
84,645,525	12,725,184	-	107,192,874	1,652,330	108,845,204	31



TABLE 4. Production of Natural Gas by Month, by Province, 1964

Month	New Brunswick	Ontario	Saskatchewan	Alberta <sup>r</sup>	British Columbia	Northwest Territories	Canada
Mcf. at 14.73 p.s.i.a. and 60°F							
January .....	13,661	1,153,281	4,182,480	104,351,078	13,168,099	3,682	122,872,281
February .....	12,317	1,886,872	3,829,373	96,809,159	11,818,507	4,461	114,360,689
March .....	12,711	2,191,960	3,969,890	95,902,648	12,515,104	2,836	114,595,149
April .....	9,157	1,045,233	3,351,961	94,197,166	11,159,635	2,217	109,765,369
May .....	7,133	840,958	3,265,045	87,294,397	10,347,502	1,849	101,756,884
June .....	6,437	764,647	3,069,937	79,754,569	7,904,296	1,838	91,501,724
July .....	6,103	694,424	2,520,841	83,440,539	8,588,402	1,609	95,251,918
August .....	6,346	710,268	2,362,025	87,008,794	8,568,749	1,861	98,658,043
September .....	6,662	775,425	3,479,449	84,005,492	10,444,660	1,838	98,713,526
October .....	7,280	894,621	3,555,042	92,058,437	12,022,011	2,396	108,539,787
November .....	7,691	1,203,837	3,794,119	99,031,533	13,821,775	3,949	117,862,904
December .....	9,557	1,577,062	3,976,817	123,229,783	15,040,346	5,761	143,839,326
Total year to date .....	105,055	13,738,588	41,356,979	1,127,083,595	135,399,086	34,297	1,317,717,600
Total December 1963 .....	11,609	1,894,336	4,117,982	96,855,805	11,862,604	1,344	114,743,680

<sup>r</sup> Revised figures.

TABLE 5. Production of Propane and Butanes from Natural Gas by Month, by Province, 1964

Month	Propane			Butanes		
	Saskatchewan	Alberta <sup>r</sup>	British Columbia	Canada	Saskatchewan	Alberta <sup>r</sup>
barrels of 35 Canadian gallons						
January .....	56,111	463,314	21,766	541,191	29,680	342,379
February .....	52,676	478,948	18,776	550,400	29,412	318,386
March .....	57,419	462,141	16,616	536,176	30,529	324,315
April .....	54,841	536,607	13,979	605,427	29,732	362,739
May .....	54,659	528,123	10,585	593,367	30,851	373,208
June .....	35,456	523,238	8,981	567,675	25,630	33,566
July .....	47,760	550,155	6,656	604,571	34,531	429,056
August .....	55,090	498,067	21,853	575,010	34,028	381,101
September .....	55,975	573,991	26,300	656,266	32,264	384,371
October .....	60,355	694,794	31,615	786,764	31,888	485,622
November .....	58,921	718,602	29,504	807,027	30,141	492,691
December .....	56,740	696,334	33,779	786,853	28,350	514,234
Total year to date .....	640,003	6,724,314	240,410	7,610,727	367,036	4,828,093
Total December 1963 .....	59,458	500,489	51,571	611,518	32,548	349,346

<sup>r</sup> Revised figures.

TABLE 6. Supply and Disposition of Crude Oil and Equivalent, by Month, Canada, 1964(1)

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
000's barrels of 35 Canadian gallons													
<u>New supply</u>													
Domestic production:													
Crude oil .....	24,053	23,035	23,604	20,025	22,858	22,686	22,818	22,300	22,318	22,966	23,259	24,674	274,596
Condensate .....	115	62	74	56	55	48	48	42	61	68	59	79	767
Pentanes plus .....	2,124	1,991	2,044	2,073	2,003	1,927	1,976	2,035	1,763	2,103	2,049	2,407	24,495
Total crude oil and equivalent	26,292	25,088	25,722	22,154	24,916	24,661	24,842	24,377	24,142	25,137	25,367	27,160	299,858
Imports .....	11,961	11,426	12,112	10,758	11,075	11,375	12,304	12,747	12,232	13,702	12,136	12,007	143,835
Total new supply .....	38,253	36,514	37,834	32,912	35,991	36,036	37,146	37,124	36,374	38,839	37,503	39,167	443,693
<u>Disposition</u>													
Deliveries to refineries:													
Atlantic Provinces .....	3,402	3,369	3,691	2,715	2,065	3,868	3,096	3,521	3,529	4,006	2,639	3,420	39,321
Quebec .....	8,610	8,094	8,420	8,007	8,890	7,370	9,140	9,161	8,623	9,703	9,477	8,620	104,115
Ontario .....	8,978	8,646	8,881	7,916	8,407	8,483	9,449	8,967	8,173	7,721	8,864	8,849	103,334
Manitoba .....	1,244	1,168	1,227	1,081	866	1,181	887	1,283	1,218	1,030	1,076	1,274	13,535
Saskatchewan .....	1,873	1,737	1,475	1,754	1,825	2,051	1,889	1,793	1,806	1,312	1,732	1,849	20,096
Alberta .....	2,599	2,270	2,294	1,862	2,471	2,465	2,749	2,753	2,390	2,682	2,562	2,768	29,865
British Columbia .....	2,895	2,524	2,707	2,713	2,878	2,466	1,687	1,361	2,383	2,945	2,626	3,019	30,004
Northwest Territories .....	37	50	36	62	4	58	70	70	70	22	37	72	588
Totals .....	29,438	27,858	28,731	25,110	27,406	27,942	28,967	28,909	28,192	29,421	29,013	29,871	340,858
Exports to U.S.A.:													
Northwest Area:													
West of Rocky Mountains .....	4,194	4,353	4,510	4,091	4,279	4,269	4,392	4,286	4,587	4,379	4,128	4,208	51,676
East of Rocky Mountains .....	476	369	421	419	396	270	309	389	350	408	406	476	4,689
Great Lakes Area .....	3,932	3,873	3,487	3,662	4,213	3,824	3,397	3,513	3,421	3,600	3,919	4,461	45,302
Totals .....	8,602	8,595	8,418	8,172	8,888	8,363	8,098	8,188	8,358	8,387	8,453	9,145	101,667
Deliveries to other purchasers	12	9	12	2	10	3	12	2	8	9	7	6	92
Inventories:													
Opening - Field and plant .....	1,861	1,794	1,852	1,871	1,790	1,925	1,732	1,746	1,667	1,716	1,770	1,860	21,584
Transporters' .....	20,935	20,935	20,776	21,215	20,843	20,461	20,348	20,133	20,286	20,012	20,987	20,773	247,704
Closing - Field and plant .....	1,794	1,852	1,871	1,790	1,925	1,732	1,746	1,667	1,716	1,770	1,860	1,934	21,357
Transporters' .....	20,935	20,776	21,215	20,843	20,461	20,348	20,133	20,286	20,012	20,987	20,773	21,130	247,899
Net chat .....	- 67	- 101	+ 58	- +53	- 247	- 306	- 201	74	- 225	1,029	- 124	131	- 32
Pipeline fuel .....	32	42	32	29	25	30	24	30	27	26	29	28	354
Field and plant use .....	18	21	19	8	7	16	13	19	11	11	19	15	177
Losses and adjustments .....	218	90	164	44	- 98	- 12	233	- 98	3	- 44	106	- 29	577
Total disposition .....	38,253	36,514	37,834	32,912	35,991	36,036	37,146	37,124	36,374	38,839	37,503	39,167	443,693

(1) Revisions of previously published data.

TABLE 7. Supply and Disposition of Natural Gas, by Month, Canada, 1964(1)

No.		Jan.	Feb.	Mar.	Apr.	May
		000's of Mcf.				
	<u>A. FIELD AND PROCESSING PLANTS</u>					
	<u>Supply</u>					
1	Gross new production .....	130,129	120,851	121,817	116,483	108,548
2	Less field flared and waste .....	7,257	6,490	7,222	6,718	6,791
3	Net new production (1 - 2) .....	122,872	114,361	114,595	109,765	101,757
	<u>Disposition</u>					
4	Field disposition and uses .....	935	1,175	370	1,271	1,248
5	Gathering system disposition and uses .....	436	436	434	446	697
6	Processing plant disposition and uses:					
6a	Processing shrinkage .....	9,496	8,761	9,177	8,790	8,803
6b	Other disposition and uses .....	5,182	4,371	4,930	5,315	4,804
7	Field injection and storage:					
7a	Injected and stored .....	13,509	12,564	12,698	16,218	17,931
7b	Less reproduced .....	561	511	534	128	152
7c	Net field injection and storage (7a - 7b) .....	12,948	12,053	12,164	16,090	17,779
8	Other uses .....	316	254	402	- 46	200
9	Adjustment .....	3,161	3,605	- 1,707	1,024	- 666
10	Deliveries of marketable gas .....	90,398	83,706	88,825	76,875	68,892
11	Total disposition .....	122,872	114,361	114,595	109,765	101,757
	<u>B. GAS UTILITIES</u>					
	<u>Supply</u>					
12	Receipts of marketable gas:					
12a	Plants .....	73,697	68,460	70,644	62,904	58,656
12b	Fields .....	16,701	15,246	18,181	13,971	10,236
13	Total (12a + 12b) .....	90,398	83,706	88,825	76,875	68,892
14	Receipts from distributor storage .....	6,075	4,719	3,701	1,156	511
15	Other receipts(2) .....	66	18	10	6	5
15a	Imports .....	12	10	11	1,655	2,849
16	Total supply of marketable gas (13 + 14 + 15)	96,551	88,453	92,547	79,692	72,257
	<u>Disposition</u>					
	Sales:					
17	British Columbia .....	4,652	4,204	4,378	3,638	3,093
18	Alberta .....	18,798	15,902	16,209	14,769	11,816
19	Saskatchewan .....	5,327	4,369	4,369	4,900	3,660
20	Manitoba .....	3,837	3,446	3,384	2,969	1,756
21	Ontario .....	22,891	20,744	20,591	19,890	13,600
22	Quebec .....	2,770	2,580	2,768	2,606	2,712
23	New Brunswick .....	8	7	5	6	5
24	Total sales (17 to 23 inclusive) .....	58,283	51,252	51,704	48,778	36,642
25	Exports .....	36,342	34,210	34,638	32,295	31,551
26	Other deliveries(3) .....	242	211	390	212	211
27	Delivered to distributor storage .....	599	744	665	2,783	5,536
28	Pipeline line pack fluctuation .....	- 36	11	- 80	93	- 15
29	Pipeline fuel .....	2,672	2,646	2,833	2,496	1,807
30	Pipeline losses etc. ....	- 1,551	- 621	2,397	- 6,965	- 3,475
31	Total disposition of marketable gas (24 to 30 inclusive) .....	96,551	88,453	92,547	79,692	72,257

(1) Revisions of previously published data.

(2) L.P.G. for gas enrichment, peak shaving or temporary supply.

(3) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 7. Supply and Disposition of Natural Gas, by Month, Canada, 1964(1) - Concluded

June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	No.
000's of Mcf.								
97,924 6,422	101,943 6,691	105,581 6,923	105,045 6,331	114,988 6,448	123,970 6,107	149,775 5,936	1,397,054 79,336	1 2
91,502	95,252	98,658	98,714	108,540	117,863	143,839	1,317,718	3
619 448	921 355	1,388 379	1,358 426	1,017 - 336	163 290	1,409 201	11,874 4,212	4 5
8,411 4,128	8,274 4,450	8,340 4,332	8,508 4,670	9,708 4,962	9,422 4,954	10,611 6,360	108,301 58,458	6a 6b
17,853 170	16,208 153	17,021 142	12,183 125	16,825 111	15,185 104	17,641 302	185,836 2,993	7a 7b
17,683	16,055	16,879	12,058	16,714	15,081	17,339	182,843	7c
676 - 4,560 64,097	383 1,887 62,927	280 1,334 65,726	240 - 40 71,494	260 - 5,736 81,951	256 - 187 87,884	300 6,147 101,472	3,521 4,262 944,247	8 9 10
91,502	95,252	98,658	98,714	108,540	117,863	143,839	1,317,718	11
55,348 8,749	55,544 7,383	57,069 8,657	59,690 11,804	68,329 13,622	70,299 17,585	78,561 22,911	779,201 165,046	12a 12b
64,097	62,927	65,726	71,494	81,951	87,884	101,472	944,247	13
126 3 826	118 5 852	121 61 858	429 4 746	855 3 157	3,780 20 10	5,588 133 1,652	27,179 334 9,638	14 15 15a
65,052	63,902	66,766	72,673	82,966	91,694	108,845	981,398	16
2,208 9,297 2,852 1,230 13,191 2,765 4	1,910 8,782 2,385 930 9,659 2,565 5	2,011 8,739 2,184 954 9,992 2,721 4	2,646 10,398 2,636 1,267 11,281 2,774 4	3,521 12,046 3,541 1,938 14,493 2,895 5	4,691 14,215 4,220 2,378 16,369 3,005 5	5,662 19,860 5,365 3,678 21,553 3,005 5	42,614 160,831 45,808 27,767 194,254 33,166 63	17 18 19 20 21 22 23
31,547	26,236	26,605	31,006	38,439	44,883	59,128	504,503	24
29,085 191 4,098 - 42 2,085 - 1,912	28,339 179 7,183 - 221 1,968 218	29,079 161 5,978 478 1,701 2,764	30,961 242 4,362 - 199 2,161 4,140	34,477 187 1,891 403 2,383 5,186	34,546 214 723 - 92 3,222 8,198	36,714 262 951 384 4,154 7,252	392,237 2,702 35,513 684 30,128 15,631	25 26 27 28 29 30
65,052	63,902	66,766	72,673	82,966	91,694	108,845	981,398	31





CATALOGUE No.

26-006

MONTHLY

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 17, No. 1-12

Price: 20 cents, \$2.00 a year

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

JANUARY 1965

The production of crude petroleum and equivalent hydrocarbon during January 1965 amounted to 29,005,249 barrels (935,653 barrels/day), an increase of 10.3 per cent or 2,824 barrels per day over the same period in 1964. The January production figures for all petroleum liquids for the two years are as follows:

	January 1965		January 1964	
	millions of barrels	barrels per day	millions of barrels	barrels per day
Crude petroleum and condensate .....	26.5	854,839	24.2	780,645
Pentanes plus .....	2.5	80,645	2.1	67,742
Propanes and Butanes .....	1.5	48,387	1.0	32,258
Total .....	30.5	983,871	27.3	880,645

The disposition of the January 1965 production was 19.3 million barrels (66.7 per cent) to Canadian refineries, 9.0 million barrels (30.9 per cent) was exported and other dispositions accounted for 0.7 million barrels (2.4 per cent). Imported crude petroleum for this same period amounted to 11.9 million barrels (383,871 barrels/day) bringing domestic requirements for crude petroleum and equivalent hydrocarbon production to 40.9 million barrels (1,319,355 barrels/day).

Natural gas production increased 12.1 per cent to 137,706,626 Mcf. from 122,872,281 Mcf. in January 1964. Of the total production of 137.7 million Mcf., 8.9 million was net deliveries to storage and injection operations, 19.4 million was used, lost or unaccounted for in fields and processing plants, 36.6 million was exported, 32.9 million was sold to ultimate customers in the prairies, 24.0 million in Ontario, 6.4 million in British Columbia and 3.2 million in Quebec. The remaining 6.3 million Mcf. was accounted for by other deliveries, line pack changes and pipeline fuel.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Additional details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian gallons at 60°F. Details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition end use.

Marketable gas is taken to include all natural gas purchased directly from fields or processing plants which meets the specifications required for domestic, commercial or industrial fuel use.

A companion publication, "Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas in this report are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F.

Industry Division

May 1965  
6511-515

TABLE 1. Production of Crude Oil, Condensate and Pentanes Plus by Month, by Province, 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
barrels of 35 Canadian gallons								
<u>Crude oil and condensate</u>								
January .....	299	94,485	398,597	7,102,112	17,860,267	1,005,456	49,674	26,510,890
February .....								
March .....								
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
<u>Pentanes plus</u>								
January .....	-	-	-	20,971	2,387,019	86,369	-	2,494,359
February .....								
March .....								
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total January 1965 .....	299	94,485	398,597	7,123,083	20,247,286	1,091,825	49,674	29,005,249
Total year to date .....	299	94,485	398,597	7,123,083	20,247,286	1,091,825	49,674	29,005,249
Total January 1964 .....	666	105,271	328,262	6,731,415	18,005,087	1,076,875	44,175	26,291,751

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, January 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
<u>New supply</u>										
Domestic production:										
Crude oil .....	299	94,485	398,597	7,102,112	17,777,647	1,004,217	49,674	26,427,031	...	26,427,031
Condensate .....	-	-	-	-	82,620	1,239	-	83,859	...	83,859
Pentanes plus .....	-	-	-	20,971	2,387,019	86,369	-	2,494,359	...	2,494,359
Total crude oil and equivalent	299	94,485	398,597	7,123,083	20,247,286	1,091,825	49,674	29,005,249	...	29,005,249
Imports .....	...	...	...	...	...	...	...	...	11,900,186	11,900,186
Total new supply .....	299	94,485	398,597	7,123,083	20,247,286	1,091,825	49,674	29,005,249	11,900,186	40,905,435
<u>Disposition</u>										
Deliveries to refineries:										
Atlantic Provinces .....	299	-	-	-	-	-	-	299	3,292,020	3,292,319
Quebec .....	-	-	-	-	-	-	-	-	8,606,263	8,606,263
Ontario .....	-	94,485	311,328	4,386,065	5,147,849	-	-	9,939,727	-	9,939,727
Manitoba .....	-	-	107,528	550,692	655,144	-	-	1,313,364	-	1,313,364
Saskatchewan .....	-	-	-	538,590	1,403,631	-	-	1,942,221	-	1,942,221
Alberta .....	-	-	-	52,809	2,940,770	-	-	2,993,579	-	2,993,579
British Columbia .....	-	-	-	-	2,086,368	1,026,149	-	3,112,517	-	3,112,517
Northwest Territories .....	-	-	-	-	-	-	38,413	38,413	-	38,413
Totals .....	299	94,485	418,856	5,528,156	12,233,762	1,026,149	38,413	19,340,120	11,898,283	31,238,403
Exports to U.S.A.:										
Northwest Area:										
West of Rocky Mountains .....	-	-	-	-	4,179,147	55,091	-	4,234,238	-	4,234,238
East of Rocky Mountains .....	-	-	-	-	411,733	-	-	411,733	-	411,733
Great Lakes Area .....	-	-	-	2,000,778	2,328,925	-	-	4,329,703	-	4,329,703
Totals .....	-	-	-	2,000,778	6,919,805	55,091	-	8,975,674	-	8,975,674
Deliveries to other purchasers ..										
Inventories:										
Opening - Field and plant .....	-	-	89,124	469,838	965,701	53,705	57,227	1,635,595	-	1,635,595
Transporters' .....	-	-	13,098	4,831,187	15,002,449	1,084,498	-	20,931,232	198,412	21,129,644
Closing - Field and plant .....	-	-	83,875	479,848	945,230	61,155	68,488	1,638,596	-	1,638,596
Transporters' .....	-	-	14,076	4,421,761	15,832,819	1,131,832	-	21,400,488	197,191	21,597,679
Net change .....	-	-	- 4,271	- 399,416	809,899	54,784	11,261	472,257	- 1,221	471,036
Pipeline fuel .....	-	-	-	-	38,136	-	-	38,136	-	38,136
Field and plant use .....	-	-	-	3,343	17,341	4,010	-	24,694	-	24,694
Losses and adjustments .....	-	-	- 15,988	- 13,272	214,381	- 48,209	-	136,912	3,124	140,036
Total disposition .....	299	94,485	398,597	7,123,083	20,247,286	1,091,825	49,674	29,005,249	11,900,186	40,905,435

... Figures not appropriate or not applicable.  
r Revised figure.



TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, January 1965

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	11,708	1,470,195	5,481,063
2	Less field flared and waste .....	-	-	1,535,957
3	Net new production (1 - 2) .....	11,708	1,470,195	3,945,106
	<u>Disposition</u>			
4	Field disposition and uses .....	262	-	89,782
5	Gathering system disposition and uses .....	-	-	28,136
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	166,687
6b	Other disposition and uses .....	-	-	121,746
7	Field injection and storage:			
7a	Injected and stored .....	-	-	36,088
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	36,088
8	Other uses .....	-	-	237,752
9	Adjustment .....	-	-	18,559
10	Deliveries of marketable gas .....	11,446	1,470,195	3,246,356
11	Total disposition .....	11,708	1,470,195	3,945,106
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	1,993,421
12b	Fields .....	11,446	1,470,195	1,252,935
13	Total (12a + 12b) .....	11,446	1,470,195	3,246,356
14	Receipts from distributor storage .....	-	8,274,140	716,384
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	11,446	9,744,335	3,962,740
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	3,884,190
20	Manitoba .....	-	-	200,403
21	Ontario .....	-	9,357,947	-
22	Quebec .....	-	-	-
23	New Brunswick .....	6,379	-	-
24	Total sales (17 to 23 inclusive) .....	6,379	9,357,947	4,084,593
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	115,931
28	Pipeline line pack fluctuation .....	-	-	- 10,842
29	Pipeline fuel .....	-	47,887	79,173
30	Pipeline losses etc. ....	5,067	338,501	- 306,115
31	Total disposition of marketable gas (24 to 30 inclusive) .....	11,446	9,744,335	3,962,740

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, January 1965

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
121,082,805	15,838,608	43,996	143,928,375	-	143,928,375	1
4,206,672	439,341	39,517	6,221,487	-	6,221,487	2
116,876,133	15,399,267	4,479	137,706,888	-	137,706,888	3
1,529,450	188,621	-	1,808,115	-	1,808,115	4
- 385,475	-	-	- 357,339	-	- 357,339	5
10,297,479	638,951	-	11,103,117	-	11,103,117	6a
5,134,490	1,049,775	-	6,306,011	-	6,306,011	6b
17,576,922	216,706	-	17,829,716	-	17,829,716	7a
344,346	-	-	344,346	-	344,346	7b
17,232,576	216,706	-	17,485,370	-	17,485,370	7c
82,822	-	4,479	325,053	-	325,053	8
- 31,394	232,725	-	219,890	-	219,890	9
83,016,185	13,072,489	-	100,816,671	-	100,816,671	10
116,876,133	15,399,267	4,479	137,706,888	-	137,706,888	11
65,088,457	12,557,178	-	79,639,056	-	79,639,056	12a
17,927,728	515,311	-	21,177,615	-	21,177,615	12b
83,016,185	13,072,489	-	100,816,671	-	100,816,671	13
108,455	-	-	9,098,979	-	9,098,979	14
334,737	-	-	334,737	-	334,737	15
83,459,377	13,072,489	-	110,250,387	135,283	110,385,670	16
1,306,594	5,059,567	-	6,366,161	-	6,366,161	17
21,472,566	-	-	21,472,566	15,044	21,487,610	18
3,010,165	-	-	6,894,355	-	6,894,355	19
4,351,051	-	-	4,551,454	-	4,551,454	20
14,641,842	-	-	23,999,789	120,239	24,120,028	21
3,177,596	-	-	3,177,596	-	3,177,596	22
-	-	-	6,379	-	6,379	23
47,959,814	5,059,567	-	66,468,300	135,283	66,603,583	24
29,256,627	7,343,193	-	36,599,820	-	36,599,820	25
246,532	-	-	246,532	-	246,532	26
378,015	-	-	493,946	-	493,946	27
- 167,661	221,870	-	43,367	-	43,367	28
3,707,738	386,794	-	4,221,592	-	4,221,592	29
2,078,312	61,065	-	2,176,830	-	2,176,830	30
83,459,377	13,072,489	-	110,250,387	135,283	110,385,670	31

TABLE 4. Production of Natural Gas by Month, by Province, 1965

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
McF. at 14.73 p.s.i.a. and 60°F							
January .....	11,446	1,470,195	3,945,106	116,876,133	15,399,267	4,479	137,706,626
February .....							
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Total year to date .....	11,446	1,470,195	3,945,106	116,876,133	15,399,267	4,479	137,706,626
Total January 1964 .....	13,661	1,153,281	4,182,480	104,351,078	13,168,099	3,682	122,872,281

TABLE 5. Production of Propane and Butanes from Natural Gas by Month, by Province, 1965

Month	Propane				Butanes			
	Saskatchewan	Alberta	British Columbia	Canada	Saskatchewan	Alberta	British Columbia	Canada
barrels of 35 Canadian gallons								
January .....	54,729	807,465	39,263	901,457	27,128	559,473	41,762	628,363
February .....								
March .....								
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total year to date .....	54,729	807,465	39,263	901,457	27,128	559,473	41,762	628,363
Total January 1964 .....	56,111	463,314	21,766	541,191	29,680	342,379	37,511	409,570







CATALOGUE No.

26-006

MONTHLY

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 17, No. 2

Price: 20 cents, \$2.00 a year

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

FEBRUARY 1965

The production of crude petroleum and equivalent hydrocarbon during February 1965 amounted to 25,581,337 barrels (913,619 barrels/day), an increase of 2.0 per cent or 1,732 barrels per day over the same period in 1964. The February production figures for all petroleum liquids for the two years are as follows:

	February 1965		February 1964	
	millions of barrels	barrels per day	millions of barrels	barrels per day
Crude petroleum and condensates .....	23.3	832,143	23.1	796,552
Pentanes plus .....	2.2	78,571	2.0	68,966
Propanes and Butanes .....	1.4	50,000	0.9	31,034
Totals .....	26.9	960,714	26.0	896,552

The disposition of the February 1965 production was 17.2 million barrels (67.2 per cent) to Canadian refineries and 8.4 million barrels (32.8 per cent) was exported. Imported crude petroleum for this same period amounted to 10.8 million barrels (385,714 barrels/day) bringing domestic requirements for crude petroleum and equivalent hydrocarbon production to 36.4 million barrels (1,300,000 barrels/day).

Natural gas production increased 7.3 per cent to 122,750,987 Mcf. from 114,360,689 Mcf. in February 1964. Of the total production of 122.8 million Mcf., 8.6 million was net deliveries to storage and injection operations, 17.1 million was used, lost or unaccounted for in fields and processing plants, 33.8 million was exported, 28.9 million was sold to ultimate customers in the prairies, 24.2 million in Ontario, 5.2 million in British Columbia and 2.9 million in Quebec. The remaining 2.1 million Mcf. was accounted for by other deliveries, line pack changes and pipeline fuel.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian gallons at 60°F. Details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition end use.

Marketable gas is taken to include all natural gas purchased directly from fields or processing plants which meets the specifications required for domestic, commercial or industrial fuel use.

A companion publication, "Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas in this report are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60° F.

Industry Division

June 1965  
6511-515

TABLE 1. Production of Crude Oil, Condensate and Pentanes Plus by Month, by Province, 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
<u>Crude oil and condensate</u>								
January .....	299	94,485	398,597	7,102,112	17,860,267	1,005,456	49,674	26,510,890
February .....	298	89,230	357,046	6,382,912	15,537,605	903,469	70,825	23,341,385
March .....								
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
<u>Pentanes plus</u>								
January .....	-	-	-	20,971	2,387,019	86,369	-	2,494,359
February .....	-	-	-	18,714	2,138,274	82,964	-	2,239,952
March .....								
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total February 1965 .....	298	89,230	357,046	6,401,626	17,675,879	986,433	70,825	25,581,337
Total year to date .....	597	183,715	755,643	13,524,709	37,923,165	2,078,258	120,499	54,586,586
Total February 1964 .....	398	99,211	321,185	6,410,995	17,198,503	993,382	64,846	25,088,520

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, February 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
<u>New supply</u>										
Domestic production:										
Crude oil .....	298	89,230	357,046	6,382,912	15,508,261	902,490	70,825	23,311,062	...	23,311,062
Condensate .....	-	-	-	-	29,344	979	-	30,323	...	30,323
Pentanes plus .....	-	-	-	18,714	2,138,274	82,964	-	2,239,952	...	2,239,952
Total crude oil and equivalent	298	89,230	357,046	6,401,626	17,675,879	986,433	70,825	25,581,337	...	25,581,337
Imports .....	...	...	...	...	...	...	...	...	10,830,497	10,830,497
Total new supply .....	298	89,230	357,046	6,401,626	17,675,879	986,433	70,825	25,581,337	10,830,497	36,411,834
<u>Disposition</u>										
Deliveries to refineries:	298	-	-	-	-	-	-	2,996,490	2,996,788	2,996,788
Atlantic Provinces .....	-	-	-	-	-	-	-	7,832,015	7,832,015	7,832,015
Quebec .....	-	-	-	3,495,195	4,743,233	-	-	8,593,251	-	8,593,251
Ontario .....	-	89,230	265,593	607,944	514,804	-	-	1,225,200	-	1,225,200
Manitoba .....	-	-	102,452	412,320	1,415,991	-	-	1,828,311	-	1,828,311
Saskatchewan .....	-	-	-	52,921	2,616,716	-	-	2,669,637	-	2,669,637
Alberta .....	-	-	-	-	1,702,847	1,075,401	-	2,778,248	-	2,778,248
British Columbia .....	-	-	-	-	-	-	58,879	58,879	-	58,879
Northwest Territories .....	-	-	-	-	-	-	-	-	-	-
Totals .....	298	89,230	368,045	4,568,380	10,993,591	1,075,401	58,879	17,153,824	10,828,505	27,982,329
Exports to U.S.A.:										
Northwest Area:	-	-	-	-	3,761,845	51,789	-	3,813,634	-	3,813,634
West of Rocky Mountains .....	-	-	-	-	375,979	-	-	375,979	-	375,979
East of Rocky Mountains .....	-	-	-	-	-	-	-	-	-	-
Great Lakes Area .....	-	-	-	2,012,809	2,229,266	-	-	4,242,075	-	4,242,075
Totals .....	-	-	-	2,012,809	6,367,090	51,789	-	8,431,688	-	8,431,688
Deliveries to other purchasers ..	-	-	-	320	12,520	-	-	12,840	-	12,840
Inventories:										
Opening - Field and plant .....	-	-	83,875	479,848	945,230	61,338 <sup>1</sup>	68,488	1,638,779	-	1,638,779
Transporters' .....	-	-	14,076	4,421,761	15,832,819	1,131,832	-	21,400,488	197,191	21,597,679
Closing - Field and plant .....	-	-	86,476	490,984	976,118	60,807	80,392	1,694,777	-	1,694,777
Transporters' .....	-	-	13,085	4,206,006	15,932,087	1,011,499	-	21,162,677	197,008	21,359,685
Net change .....	-	-	1,610	- 204,619	130,156	- 120,864	11,904	- 181,813	- 183	- 181,996
Pipeline fuel .....	-	-	-	-	33,128	-	-	33,128	-	33,128
Field and plant use .....	-	-	-	320	13,008	4,210	-	17,538	-	17,538
Losses and adjustments .....	-	-	- 12,609	24,416	126,386	- 24,103	42	114,132	2,175	116,307
Total disposition .....	298	89,230	357,046	6,401,626	17,675,879	986,433	70,825	25,581,337	10,830,497	36,411,834

... Figures not appropriate or not applicable.  
<sup>1</sup> Revised figure.



TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, February 1965

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	12,080	1,296,058	4,944,781
2	Less field flared and waste .....	-	-	1,374,671
3	Net new production (1 - 2) .....	12,080	1,296,058	3,570,110
	<u>Disposition</u>			
4	Field disposition and uses .....	271	-	75,461
5	Gathering system disposition and uses .....	-	-	7,935
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	149,544
6b	Other disposition and uses .....	-	-	155,463
7	Field injection and storage:			
7a	Injected and stored .....	-	-	-
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	-
8	Other uses .....	-	-	202,171
9	Adjustment .....	-	-	- 1,017
10	Deliveries of marketable gas .....	11,809	1,296,058	2,980,553
11	Total disposition .....	12,080	1,296,058	3,570,110
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	1,851,447
12b	Fields .....	11,809	1,296,058	1,129,106
13	Total (12a + 12b) .....	11,809	1,296,058	2,980,553
14	Receipts from distributor storage .....	-	7,183,629	668,306
15	Other receipts(1) .....	-	76	-
16	Total supply of marketable gas (13 + 14 + 15)	11,809	8,479,763	3,648,859
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	3,632,478
20	Manitoba .....	-	-	493,658
21	Ontario .....	-	8,554,411	-
22	Quebec .....	-	-	-
23	New Brunswick .....	6,431	-	-
24	Total sales (17 to 23 inclusive) .....	6,431	8,554,411	4,126,136
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	103,083
28	Pipeline line pack fluctuation .....	-	-	- 11,902
29	Pipeline fuel .....	-	45,591	78,101
30	Pipeline losses etc. ....	5,378	- 120,239	- 646,559
31	Total disposition of marketable gas (24 to 30 inclusive) .....	11,809	8,479,763	3,648,859

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, February 1965

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
108,321,272	13,997,071	59,440	128,630,702	-	128,630,702	1
4,078,281	373,443	53,320	5,879,715	-	5,879,715	2
104,242,991	13,623,628	6,120	122,750,987	-	122,750,987	3
888,452	133,130	-	1,097,314	-	1,097,314	4
104,547	-	-	112,482	-	112,482	5
9,238,988	561,131	-	9,949,663	-	9,949,663	6a
4,506,020	852,707	-	5,514,190	-	5,514,190	6b
16,194,029	207,704	-	16,401,733	-	16,401,733	7a
253,742	-	-	253,742	-	253,742	7b
15,940,287	207,704	-	16,147,991	-	16,147,991	7c
71,993	-	6,120	280,284	-	280,284	8
22,236	136,949	-	158,168	-	158,168	9
73,470,468	11,732,007	-	89,490,895	-	89,490,895	10
104,242,991	13,623,628	6,120	122,750,987	-	122,750,987	11
57,827,876	11,310,175	-	70,989,498	-	70,989,498	12a
15,642,592	421,832	-	18,501,397	-	18,501,397	12b
73,470,468	11,732,007	-	89,490,895	-	89,490,895	13
228,937	-	-	8,080,872	-	8,080,872	14
150,286	-	-	150,362	-	150,362	15
73,849,691	11,732,007	-	97,722,129	315,150	98,037,279	16
1,024,359	4,150,474	-	5,174,833	-	5,174,833	17
18,163,150	-	-	18,163,150	12,586	18,175,736	18
2,734,189	-	-	6,366,667	-	6,366,667	19
3,916,646	-	-	4,410,304	-	4,410,304	20
15,673,285	-	-	24,227,696	302,564	24,530,260	21
2,935,948	-	-	2,935,948	-	2,935,948	22
-	-	-	6,431	-	6,431	23
44,447,577	4,150,474	-	61,285,029	315,150	61,600,179	24
26,761,004	7,084,502	-	33,845,506	-	33,845,506	25
212,825	-	-	212,825	-	212,825	26
399,297	-	-	502,380	-	502,380	27
182,693	85,205	-	255,996	-	255,996	28
3,031,295	283,411	-	3,438,398	-	3,438,398	29
- 1,185,000	128,415	-	- 1,818,005	-	- 1,818,005	30
73,849,691	11,732,007	-	97,722,129	315,150	98,037,279	31

TABLE 4. Production of Natural Gas by Month, by Province, 1965

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
Mcf. at 14.73 p.s.i.a. and 60°F							
January .....	11,708 <sup>r</sup>	1,470,195	3,945,106	116,876,133	15,399,267	4,479	137,706,888
February .....	12,080	1,296,058	3,570,110	104,242,991	13,623,628	6,120	122,750,987
March .....							
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Total year to date .....	23,788	2,766,253	7,515,216	221,119,124	29,022,895	10,599	260,457,875
Total February 1964 .....	12,317	1,886,872	3,829,373	96,809,159	11,818,507	4,461	114,360,689

<sup>r</sup> Revised figure.

TABLE 5. Production of Propane and Butanes from Natural Gas by Month, by Province, 1965

Month	Propane				Butanes			
	Saskatchewan	Alberta	British Columbia	Canada	Saskatchewan	Alberta	British Columbia	Canada
barrels of 35 Canadian gallons								
January .....	54,729	807,465	39,263	901,457	27,128	559,473	41,762	628,363
February .....	49,686	748,340	30,206	828,232	24,216	506,391	37,863	568,470
March .....								
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total year to date .....	104,415	1,555,805	69,469	1,729,689	51,344	1,065,864	79,625	1,196,833
Total February 1964 .....	52,676	478,948	18,776	550,400	29,412	318,386	37,596	385,394







CATALOGUE No.

26-006

MONTHLY

Canada. Statistics, Bureau of

## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 17, No. 3

Price: 20 cents, \$2.00 a year

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

MARCH 1965

The production of crude petroleum and equivalent hydrocarbon during March 1965 amounted to 27,686,209 barrels (893,104 barrels/day), an increase of 7.6 per cent or 2,045 barrels per day over the same period in 1964. The March production figures for all petroleum liquids for the two years are as follows:

	March 1965		March 1964	
	millions of barrels	barrels per day	millions of barrels	barrels per day
Crude petroleum and condensates .....	25.2	812,903	23.7	764,516
Pentanes plus .....	2.5	80,645	2.0	64,516
Propanes and Butanes .....	1.5	48,387	0.9	29,032
Totals .....	29.2	941,935	26.6	858,064

The disposition of the March 1965 production was 17.7 million barrels (63.8 per cent) to Canadian refineries, 9.4 million barrels (33.9 per cent) was exported and the remaining 2.3 per cent was accounted for by other deliveries, pipeline fuel, field and plant use and losses and adjustments. Imported crude petroleum for this same period amounted to 12.0 million barrels (387,049 barrels/day) bringing domestic requirements for crude petroleum and equivalent hydrocarbon production to 39.7 million barrels (1,280,645 barrels/day).

Natural gas production increased 15.7 per cent to 132,599,151 Mcf. from 114,595,149 Mcf. in March 1964. Of the total production of 132.6 million Mcf., 10.6 million was net deliveries to storage and injection operations, 18.8 million was used, lost or unaccounted for in fields and processing plants, 37.0 million was exported, 27.5 million was sold to ultimate customers in the prairies, 24.0 million in Ontario, 5.0 million in British Columbia and 3.0 million in Quebec. The remaining 6.7 million Mcf. was accounted for by other deliveries, line pack changes and pipeline fuel.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian gallons at 60°F. Details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition end use.

Marketable gas is taken to include all natural gas purchased directly from fields or processing plants which meets the specifications required for domestic, commercial or industrial fuel use.

A companion publication, "Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas in this report are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F.

Industry Division

July 1965  
6511-515

TABLE 1. Production of Crude Oil, Condensate and Pentanes Plus by Month, by Province, 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
barrels of 35 Canadian gallons								
<u>Crude oil and condensate</u>								
January .....	299	94,485	398,597	7,102,112	17,860,267	1,005,456	49,674	26,510,890
February .....	298	89,230	357,046	6,382,912	15,537,605	903,469	70,825	23,341,385
March .....	377	110,932	403,181	7,329,287	16,240,006	1,056,504	56,106	25,196,393
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
<u>Pentanes plus</u>								
January .....	-	-	-	20,971	2,387,019	86,369	-	2,494,359
February .....	-	-	-	18,714	2,138,274	82,964	-	2,239,952
March .....	-	-	-	21,262	2,376,638	91,916	-	2,489,816
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total March 1965 .....	377	110,932	403,181	7,350,549	18,616,644	1,148,420	56,106	27,686,209
Total year to date .....	974	294,647	1,158,824	20,875,258	56,539,809	3,226,678	176,605	82,272,795
Total March 1964 .....	477	112,700	346,811	6,847,059	17,299,466	1,079,979	35,703	25,722,195

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, March 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
<u>New supply</u>										
Domestic production:										
Crude oil .....	377	110,932	403,181	7,329,287	16,231,435	1,055,004	56,106	25,186,322	...	25,186,322
Condensate .....	-	-	-	-	8,571	1,500	-	10,071	...	10,071
Pentanes plus .....	-	-	-	21,262	2,376,638	91,916	-	2,489,816	...	2,489,816
Total crude oil and equivalent	377	110,932	403,181	7,350,549	18,616,644	1,148,420	56,106	27,686,209	...	27,686,209
Imports .....	...	...	...	...	...	...	...	...	12,001,278	12,001,278
Total new supply .....	377	110,932	403,181	7,350,549	18,616,644	1,148,420	56,106	27,686,209	12,001,278	39,687,487
<u>Disposition</u>										
Deliveries to refineries:										
Atlantic Provinces .....	377	-	-	-	-	-	-	377	3,321,390	3,321,767
Quebec .....	-	-	-	-	-	-	-	-	8,677,129	8,677,129
Ontario .....	-	110,932	316,805	3,829,773	4,767,761	-	-	9,025,271	-	9,025,271
Manitoba .....	-	-	106,663	721,722	530,988	-	-	1,359,373	-	1,359,373
Saskatchewan .....	-	-	-	483,732	1,295,134	-	-	1,778,866	-	1,778,866
Alberta .....	-	-	-	54,616	2,766,925	-	-	2,821,541	-	2,821,541
British Columbia .....	-	-	-	-	1,660,130	986,459	-	2,646,589	-	2,646,589
Northwest Territories .....	-	-	-	-	-	-	44,507	44,507	-	44,507
Totals .....	377	110,932	423,468	5,089,843	11,020,938	986,459	44,507	17,676,524	11,998,519	29,675,043
Exports to U.S.A.:										
Northwest Area:										
West of Rocky Mountains .....	-	-	-	-	4,523,101	55,545	-	4,578,646	-	4,578,646
East of Rocky Mountains .....	-	-	-	-	443,032	-	-	443,032	-	443,032
Great Lakes Area .....	-	-	-	1,763,091	2,587,860	-	-	4,350,951	-	4,350,951
Totals .....	-	-	-	1,763,091	7,553,993	55,545	-	9,372,629	-	9,372,629
Deliveries to other purchasers ..										
Inventories:	-	-	-	352	10,503	-	-	10,855	-	10,855
Opening - Field and plant .....	-	-	86,476	490,984	976,118	60,807	80,392	1,694,777	-	1,694,777
Transporters' .....	-	-	13,085	4,206,006	15,932,087	1,011,499	-	21,162,677	197,008	21,359,685
Closing - Field and plant .....	-	-	80,303	468,925	869,981	73,907	91,735	1,584,851	-	1,584,851
Transporters' .....	-	-	13,250	4,686,321	15,970,558	1,140,744	-	21,810,873	197,237	22,008,110
Net change .....	-	-	- 6,008	458,256	- 67,666	142,345	11,343	538,270	229	538,499
Pipeline fuel .....	-	-	-	-	24,495	-	-	24,495	-	24,495
Field and plant use .....	-	-	-	292	19,180	4,060	-	23,532	-	23,532
Losses and adjustments .....	-	-	- 14,279	38,715	55,201	- 39,989	256	39,904	2,530	42,434
Total disposition .....	377	110,932	403,181	7,350,549	18,616,644	1,148,420	56,106	27,686,209	12,001,278	39,687,487

... Figures not appropriate or not applicable.



TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, March 1965

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	11,901	1,439,703	5,410,149
2	Less field flared and waste .....	-	-	1,403,493
3	Net new production (1 - 2) .....	11,901	1,439,703	4,006,656
	<u>Disposition</u>			
4	Field disposition and uses .....	267	-	109,188
5	Gathering system disposition and uses .....	-	-	- 57,275
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	173,235
6b	Other disposition and uses .....	-	-	127,557
7	Field injection and storage:			
7a	Injected and stored .....	-	-	-
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	-
8	Other uses .....	-	-	283,080
9	Adjustment .....	-	-	- 541
10	Deliveries of marketable gas .....	11,634	1,439,703	3,371,412
11	Total disposition .....	11,901	1,439,703	4,006,656
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	2,063,777
12b	Fields .....	11,634	1,439,703	1,307,635
13	Total (12a + 12b) .....	11,634	1,439,703	3,371,412
14	Receipts from distributor storage .....	-	5,232,554	517,756
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	11,634	6,672,257	3,889,168
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	2,861,127
20	Manitoba .....	-	-	409,901
21	Ontario .....	-	6,596,489	-
22	Quebec .....	-	-	-
23	New Brunswick .....	5,971	-	-
24	Total sales (17 to 23 inclusive) .....	5,971	6,596,489	3,271,028
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	263,662
28	Pipeline line pack fluctuation .....	-	-	39,666
29	Pipeline fuel .....	-	41,091	82,216
30	Pipeline losses etc. ....	5,663	34,677	232,596
31	Total disposition of marketable gas (24 to 30 inclusive) .....	11,634	6,672,257	3,889,168

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, March 1965

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
117,276,019	15,037,821	55,663	139,231,256	-	139,231,256	1
4,692,860	485,418	50,334	6,632,105	-	6,632,105	2
112,583,159	14,552,403	5,329	132,599,151	-	132,599,151	3
869,126	398,410	-	1,376,991	-	1,376,991	4
385,709	-	-	328,434	-	328,434	5
10,196,534	561,243	-	10,931,012	-	10,931,012	6a
4,589,841	748,803	-	5,466,201	-	5,466,201	6b
15,914,470	211,989	-	16,126,459	-	16,126,459	7a
191,273	-	-	191,273	-	191,273	7b
15,723,197	211,989	-	15,935,186	-	15,935,186	7c
97,151	-	5,329	385,560	-	385,560	8
52,769	277,359	-	329,587	-	329,587	9
80,668,832	12,354,599	-	97,846,180	-	97,846,180	10
112,583,159	14,552,403	5,329	132,599,151	-	132,599,151	11
64,324,678	11,918,034	-	78,306,489	-	78,306,489	12a
16,344,154	436,565	-	19,539,691	-	19,539,691	12b
80,668,832	12,354,599	-	97,846,180	-	97,846,180	13
182,678	-	-	5,932,988	-	5,932,988	14
91,024	-	-	91,024	-	91,024	15
80,942,534	12,354,599	-	103,870,192	206,733	104,076,925	16
1,171,439	3,846,702	-	5,018,141	-	5,018,141	17
17,644,604	-	-	17,644,604	13,213	17,657,817	18
2,909,463	-	-	5,770,590	-	5,770,590	19
3,663,710	-	-	4,073,611	-	4,073,611	20
17,402,670	-	-	23,999,159	193,520	24,192,679	21
2,968,927	-	-	2,968,927	-	2,968,927	22
-	-	-	5,971	-	5,971	23
45,760,813	3,846,702	-	59,481,003	206,733	59,687,736	24
29,035,418	8,005,131	-	37,040,549	-	37,040,549	25
207,937	-	-	207,937	-	207,937	26
374,478	-	-	638,140	-	638,140	27
- 15,103	10,415	-	34,978	-	34,978	28
3,986,864	324,443	-	4,434,614	-	4,434,614	29
1,592,127	167,908	-	2,032,971	-	2,032,971	30
80,942,534	12,354,599	-	103,870,192	206,733	104,076,925	31

TABLE 4. Production of Natural Gas by Month, by Province, 1965

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
Mcf. at 14.73 p.s.i.a. and 60°F							
January .....	11,708	1,470,195	3,945,106	116,876,133	15,399,267	4,479	137,706,888
February .....	12,080	1,296,058	3,570,110	104,242,991	13,623,628	6,120	122,750,987
March .....	11,907	1,439,703	4,006,656	112,583,159	14,552,403	5,329	132,599,151
April .....							
May .....							
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Total year to date .....	35,689	4,205,956	11,521,872	333,702,283	43,575,298	15,928	393,057,026
Total March 1964 .....	12,711	2,191,960	3,969,890	95,902,648	12,515,104	2,836	114,595,149

TABLE 5. Production of Propane and Butanes from Natural Gas by Month, by Province, 1965

Month	Propane				Butanes			
	Saskatchewan	Alberta	British Columbia	Canada	Saskatchewan	Alberta	British Columbia	Canada
barrels of 35 Canadian gallons								
January .....	54,729	807,465	39,263	901,457	27,128	559,473	41,762	628,363
February .....	49,686	748,340	30,206	828,232	24,216	506,391	37,863	568,470
March .....	58,700	808,050	30,333	897,083	28,285	533,559	38,343	600,187
April .....								
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total year to date .....	163,115	2,363,855	99,802	2,626,772	79,629	1,599,423	117,968	1,797,020
Total March 1964 .....	57,419	462,141	16,616	536,176	30,529	324,315	41,298	396,142







## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 17, No. 4

Price: 20 cents, \$2.00 a year

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

APRIL 1965

The production of crude petroleum and equivalent hydrocarbon during April 1965 amounted to 25,155,653 barrels (838,522 barrels/day), an increase of 13.5 per cent or 3,335 barrels per day over the same period in 1964. The April production figures for all petroleum liquids for the two years are as follows:

	April 1965		April 1964	
	millions of barrels	barrels per day	millions of barrels	barrels per day
Crude petroleum and condensates	23.0	766,667	20.1	670,000
Pentanes plus .....	2.2	73,333	2.1	70,000
Propanes and butanes .....	1.4	46,667	1.0	33,333
Totals .....	26.6	886,667	23.2	773,333

The disposition of the April 1965 production was 16.2 million barrels (64.3 per cent) to Canadian refineries, 8.6 million barrels (34.1 per cent) was exported and the remaining 1.6 per cent was accounted for by other deliveries, pipeline fuel, field and plant use and losses and adjustments. Imported crude petroleum for this same period amounted to 10.8 million barrels (360,000 barrels/day) bringing domestic requirements for crude petroleum and equivalent hydrocarbon production to 36.0 million barrels (1,200,000 barrels/day).

Natural gas production increased 6.7 per cent to 117,107,356 Mcf. from 109,765,369 Mcf. in April 1964. Of the total production of 117.1 million Mcf., 17.5 million was net deliveries to storage and injection operations, 16.0 million was used, lost or unaccounted for in fields and processing plants, 31.9 million was exported, 23.4 million was sold to ultimate customers in the prairies, 22.2 million in Ontario, 4.8 million in British Columbia and 2.6 million in Quebec. The difference of - 1.3 million between supply and sales is accounted for by line pack fluctuations.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian gallons at 60°F. Details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition end use.

Marketable gas is taken to include all natural gas purchased directly from fields or processing plants which meets the specifications required for domestic, commercial or industrial fuel use.

A companion publication, "Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas in this report are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F.

Industry Division

September 1965  
6511-515

TABLE 1. Production of Crude Oil, Condensate, Natural Gasoline and Pentanes Plus by Month, by Province 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
barrels of 35 Canadian gallons								
<u>Crude oil and condensate</u>								
January .....	299	94,485	398,597	7,102,112	17,860,267	1,005,456	49,674	26,510,890
February .....	298	89,230	357,046	6,382,912	15,537,605	903,469	70,825	23,341,385
March .....	377	110,932	403,181	7,329,287	16,240,006	1,056,504	56,106	25,196,393
April .....	252	113,025	395,927	6,863,354	14,479,919	1,068,193	45,113	22,965,783
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
<u>Pentanes plus</u>								
January .....	-	-	-	20,971	2,387,019	86,369	-	2,494,359
February .....	-	-	-	18,714	2,138,274	82,964	-	2,239,952
March .....	-	-	-	21,262	2,376,638	91,916	-	2,489,816
April .....	-	-	-	19,101	2,089,809	80,960	-	2,189,870
May .....								
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total April 1965 .....	252	113,025	395,927	6,882,455	16,569,728	1,149,153	45,113	25,155,653
Total year to date .....	1,226	407,672	1,554,751	27,757,713	73,109,537	4,375,831	221,718	107,428,448
Total April 1964 .....	-	111,006	333,701	6,408,727	14,180,607	1,060,165	60,202	22,154,408

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
New supply										
Domestic production:										
Crude oil	252	113,025	395,927	6,882,455	14,435,973	1,067,219	45,113	22,920,863	...	22,920,863
Condensate	-	-	-	-	43,946	974	-	44,920	...	44,920
Pentanes plus	-	-	-	19,101	2,089,809	80,960	-	2,189,870	...	2,189,870
Total crude oil and equivalent	252	113,025	395,927	6,882,455	16,569,728	1,149,153	45,113	25,155,653	...	25,155,653
Imports	...	...	...	...	...	...	...	...	10,829,211	10,829,211
Total new supply	252	113,025	395,927	6,882,455	16,569,728	1,149,153	45,113	25,155,653	10,829,211	35,984,864
Disposition										
Deliveries to refineries:										
Atlantic Provinces	252	-	-	-	-	-	-	252	2,130,480	2,130,732
Quebec	-	-	-	-	-	-	-	-	8,697,065	8,697,065
Ontario	-	113,025	301,752	3,753,019	4,814,438	-	-	8,982,234	-	8,982,234
Manitoba	-	-	100,489	500,198	597,782	-	-	1,198,469	-	1,198,469
Saskatchewan	-	-	-	283,190	1,012,931	-	-	1,296,121	-	1,296,121
Alberta	-	-	-	60,817	2,120,432	-	-	2,181,249	-	2,181,249
British Columbia	-	-	-	-	1,432,233	1,074,000	-	2,506,233	-	2,506,233
Northwest Territories	-	-	-	-	-	-	68,148	68,148	-	68,148
Totals	252	113,025	402,241	4,597,224	9,977,816	1,074,000	68,148	16,232,706	10,827,545	27,060,251
Exports to U.S.A.:										
Continental West:										
West of Rocky Mountains	-	-	-	-	4,053,555	84,747	-	4,138,302	-	4,138,302
East of Rocky Mountains	-	-	-	-	398,856	-	-	398,856	-	398,856
Pacific Coast area	-	-	-	2,070,740	1,976,863	-	-	4,047,603	-	4,047,603
Totals	-	-	-	2,070,740	6,429,274	84,747	-	8,584,761	-	8,584,761
Deliveries to other purchasers	-	-	-	456	7,136	-	-	7,592	-	7,592
Deliveries to:										
Opening - Field and plant	-	-	80,303	468,925	869,981	74,173	91,735	1,585,117	-	1,585,117
Transporters	-	-	13,250	4,686,321	15,970,558	1,140,744	-	21,810,873	197,237	22,008,110
Closing - Field and plant	-	-	86,993	484,756	886,003	66,351	68,700	1,592,743	-	1,592,743
Transporters	-	-	13,261	4,913,969	16,014,464	1,172,866	-	22,114,560	197,405	22,311,965
Net change	-	-	6,861	243,479	59,928	24,300	- 23,035	311,313	168	311,481
Field and plant use	-	-	-	-	30,914	-	-	30,914	-	30,914
Losses and adjustments	-	-	-	422	12,766	2,708	-	15,896	-	15,896
Totals	-	-	- 15,955	- 29,866	51,894	- 36,602	-	- 27,529	1,498	- 26,031
Imports from foreign	252	113,025	395,927	6,882,455	16,569,728	1,149,153	45,113	25,155,653	10,829,211	35,984,864

.. Figures not appropriate or not applicable.



TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, April 1965

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	9,037	1,225,190	5,044,328
2	Less field flared and waste .....	-	-	1,287,863
3	Net new production (1 - 2) .....	9,037	1,225,190	3,756,465
	<u>Disposition</u>			
4	Field disposition and uses .....	203	-	125,178
5	Gathering system disposition and uses .....	-	-	- 22,756
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	159,568
6b	Other disposition and uses .....	-	-	150,724
7	Field injection and storage:			
7a	Injected and stored .....	-	-	-
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	-
8	Other uses .....	-	-	309,367
9	Adjustment .....	-	-	- 6,508
10	Deliveries of marketable gas .....	8,834	1,225,190	3,040,892
11	Total disposition .....	9,037	1,225,190	3,756,465
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	1,988,387
12b	Fields .....	8,834	1,225,190	1,052,505
13	Total (12a + 12b) .....	8,834	1,225,190	3,040,892
14	Receipts from distributor storage .....	-	1,858,543	31,742
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	8,834	3,083,733	3,072,634
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	2,800,002
20	Manitoba .....	-	-	539,806
21	Ontario .....	-	3,252,433	-
22	Quebec .....	-	-	-
23	New Brunswick .....	5,737	-	-
24	Total sales (17 to 23 inclusive) .....	5,737	3,252,433	3,339,808
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	501,009
28	Pipeline line pack fluctuation .....	-	-	12,057
29	Pipeline fuel .....	-	21,300	69,304
30	Pipeline losses etc. ....	3,097	- 190,000	- 849,544
31	Total disposition of marketable gas (24 to 30 inclusive) .....	8,834	3,083,733	3,072,634

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, April 1965

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
M.c.f.						
103,201,001	13,311,224	48,369	122,839,149	-	122,839,149	1
3,734,063	667,561	42,306	5,731,793	-	5,731,793	2
99,466,938	12,643,663	6,063	117,107,356	-	117,107,356	3
779,566	233,594	-	1,138,541	-	1,138,541	4
699,987	-	-	677,231	-	677,231	5
9,088,703	526,756	-	9,775,027	-	9,775,027	6a
3,778,481	715,450	-	4,644,655	-	4,644,655	6b
17,648,106	163,819	-	17,811,925	-	17,811,925	7a
113,851	-	-	113,851	-	113,851	7b
17,534,255	163,819	-	17,698,074	-	17,698,074	7c
68,465	-	6,063	383,895	-	383,895	8
- 659,652	33,164	-	- 632,996	-	- 632,996	9
68,177,133	10,970,880	-	83,422,929	-	83,422,929	10
99,466,938	12,643,663	6,063	117,107,356	-	117,107,356	11
55,230,542	10,553,835	-	67,772,764	-	67,772,764	12a
12,946,591	417,045	-	15,650,165	-	15,650,165	12b
68,177,133	10,970,880	-	83,422,929	-	83,422,929	13
52,413	-	-	1,942,698	-	1,942,698	14
3,354	-	-	3,354	-	3,354	15
68,232,900	10,970,880	-	85,368,981	1,168,255	86,537,236	16
955,050	3,887,024	-	4,842,074	-	4,842,074	17
14,762,164	-	-	14,762,164	8,141	14,770,305	18
2,498,017	-	-	5,298,019	-	5,298,019	19
2,833,008	-	-	3,372,814	-	3,372,814	20
18,927,293	-	-	22,179,726	1,160,114	23,339,840	21
2,567,943	-	-	2,567,943	-	2,567,943	22
-	-	-	5,737	-	5,737	23
42,543,475	3,887,024	-	53,028,477	1,168,255	54,196,732	24
25,033,664	6,908,955	-	31,942,619	-	31,942,619	25
177,239	-	-	177,239	-	177,239	26
1,249,742	-	-	1,750,751	-	1,750,751	27
140,034	- 133,393	-	18,698	-	18,698	28
3,462,629	263,954	-	3,817,187	-	3,817,187	29
- 4,373,883	44,340	-	- 5,365,990	-	- 5,365,990	30
68,232,900	10,970,880	-	85,368,981	1,168,255	86,537,236	31

TABLE 4. Production of Natural Gas by Month, by Province, 1965

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
Mcf. at 14.73 p.s.i.a. and 60°F							
January	11,708	1,470,195	3,945,106	116,876,133	15,399,267	4,479	137,706,888
February	12,080	1,296,058	3,570,110	104,242,991	13,623,628	6,120	122,750,987
March	11,901	1,439,703	4,006,656	112,583,159	14,552,403	5,329	132,599,151
April	9,031	1,225,190	3,756,465	99,466,938	12,643,663	6,063	117,107,356
May							
June							
July							
August							
September							
October							
November							
December							
Total year to date	44,726	5,431,146	15,278,337	433,169,221	56,218,961	21,991	510,164,382
Total April 1964	9,157	1,045,233	3,351,961	94,197,166	11,159,635	2,217	109,765,369

TABLE 5. Production of Propane and Butanes from Natural Gas by Month, by Province, 1965

Month	Propane				Butanes			
	Saskatchewan	Alberta	British Columbia	Canada	Saskatchewan	Alberta	British Columbia	Canada
barrels of 35 Canadian gallons								
January	54,729	807,465	39,263	901,457	27,128	559,473	41,762	628,363
February	49,686	748,340	30,206	828,232	24,216	506,391	37,863	568,470
March	58,700	808,050	30,333	897,083	28,285	533,559	38,343	600,187
April	53,881	759,170	25,443	838,494	25,409	485,743	35,351	546,503
May								
June								
July								
August								
September								
October								
November								
December								
Total year to date	216,996	3,123,025	125,245	3,465,266	105,038	2,085,166	153,319	2,343,523
Total April 1964	54,841	536,607	13,979	605,427	29,732	362,739	31,524	423,995







CATALOGUE No.

26-006

MONTHLY

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 17, No. 5

Price: 20 cents, \$2.00 a year

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

MAY 1965

The production of crude petroleum and equivalent hydrocarbon during May 1965 amounted to 24,474,032 barrels (789, - 485 barrels/day), a decrease of 1.8 per cent or 14,251 barrels per day from May 1964. The May production figures for all petroleum liquids for the two years are as follows:

	May 1965		May 1964	
	millions of barrels	barrels per day	millions of barrels	barrels per day
Crude petroleum and condensates .....	22.4	722,581	22.9	738,710
Pentanes plus .....	2.1	67,742	2.0	64,516
Propanes and butanes .....	1.3	41,935	1.0	32,258
Totals .....	25.8	832,258	25.9	835,484

The disposition of the May 1965 production was 16.2 million barrels (66.1 per cent) to Canadian refineries, 8.4 million barrels (34.3 per cent) was exported. The difference of - 0.4 per cent between supply and sales is accounted for by line losses and adjustments. Imported crude petroleum for this same period amounted to 12.9 million barrels (416,129 barrels/day) bringing domestic requirements for crude petroleum and equivalent hydrocarbon production to 37.4 million barrels (1,206, - 452 barrels/day).

Natural gas production increased 12.9 per cent to 114,884,732 Mcf. from 101,756,884 Mcf. in May 1964. Of the total production of 114.9 million Mcf., 26.1 million was net deliveries to storage and injection operations, 19.4 million was used, lost or unaccounted for in fields and processing plants, 31.1 million was exported, 18.4 million was sold to ultimate customers in the prairies, 14.4 million in Ontario, 3.6 million in British Columbia and 1.9 million in Quebec.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian gallons at 60°F. Details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition end use.

Marketable gas is taken to include all natural gas purchased directly from fields or processing plants which meets the specifications required for domestic, commercial or industrial fuel use.

A companion publication, "Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas in this report are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F.

Industry Division

September 1965  
6511-515

TABLE 1. Production of Crude Oil, Condensate and Pentanes Plus by Month, by Province 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
barrels of 35 Canadian gallons								
<u>Crude oil and condensate</u>								
January .....	299	94,485	398,597	7,102,112	17,860,267	1,005,456	49,674	26,510,890
February .....	298	89,230	357,046	6,382,912	15,537,605	903,469	70,825	23,341,385
March .....	377	110,932	403,181	7,329,287	16,240,006	1,056,504	56,106	25,196,393
April .....	252	113,025	395,927	6,863,354	14,479,919	1,068,193	45,113	22,965,783
May .....	310	114,823	416,316	7,243,155	13,486,964	1,088,311	26,349	22,376,228
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
<u>Pentanes plus</u>								
January .....	-	-	-	20,971	2,387,019	86,369	-	2,494,359
February .....	-	-	-	18,714	2,138,274	82,964	-	2,239,952
March .....	-	-	-	21,262	2,376,638	91,916	-	2,489,816
April .....	-	-	-	19,101	2,089,809	80,960	-	2,189,870
May .....	-	-	-	20,887	2,002,454	74,463	-	2,097,804
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total May 1965 .....	310	114,823	416,316	7,264,042	15,489,418	1,162,774	26,349	24,474,032
Total year to date .....	1,536	522,495	1,971,067	35,021,755	88,598,955	5,538,605	248,067	131,902,480
Total May 1964 .....	-	111,712	346,715	6,719,309	16,624,359	1,089,279	24,278	24,915,821

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, May 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
<b>New supply</b>										
Domestic production:										
Crude oil .....	310	114,823	416,316	7,243,155	13,440,644	1,086,288	26,349	22,327,885	...	22,327,885
Condensate .....	-	-	-	-	46,320	2,023	-	48,343	...	48,343
Pentanes plus .....	-	-	-	20,887	2,002,454	74,463	-	2,097,804	...	2,097,804
Total crude oil and equivalent	310	114,823	416,316	7,264,042	15,489,418	1,162,774	26,349	24,474,032	...	24,474,032
Imports .....	...	...	...	...	...	...	...	...	12,899,984	12,899,984
Total new supply .....	310	114,823	416,316	7,264,042	15,489,418	1,162,774	26,349	24,474,032	12,899,984	37,374,016
<b>Disposition</b>										
Deliveries to refineries:										
Atlantic Provinces .....	310	-	-	-	-	-	-	310	3,074,203	3,074,513
Quebec .....	-	-	-	-	-	-	-	-	9,632,718	9,632,718
Ontario .....	-	114,823	324,628	4,271,453	4,167,106	-	-	8,878,010	193,383	9,071,393
Manitoba .....	-	-	102,053	736,790	361,058	-	-	1,199,901	-	1,199,901
Saskatchewan .....	-	-	-	371,053	1,153,225	-	-	1,524,278	-	1,524,278
Alberta .....	-	-	-	10,864	2,625,766	-	-	2,636,630	-	2,636,630
British Columbia .....	-	-	-	-	887,752	1,070,229	-	1,957,981	-	1,957,981
Northwest Territories .....	-	-	-	-	-	-	37,562	37,562	-	37,562
Totals .....	310	114,823	426,681	5,390,160	9,194,907	1,070,229	37,562	16,234,672	12,900,304	29,134,976
Exports to U.S.A.:										
Northwest Area:										
West of Rocky Mountains .....	-	-	-	-	4,259,745	194,107	-	4,453,852	-	4,453,852
East of Rocky Mountains .....	-	-	-	-	373,687	-	-	373,687	-	373,687
Great Lakes Area .....	-	-	-	1,711,036	1,876,916	-	-	3,587,952	-	3,587,952
Totals .....	-	-	-	1,711,036	6,510,348	194,107	-	8,415,491	-	8,415,491
Deliveries to other purchasers ..	-	-	-	571	7,985	-	-	8,556	-	8,556
Inventories:										
Opening - Field and plant .....	-	-	86,933	484,756	886,003	66,130 <sup>1</sup>	68,700	1,592,522	-	1,592,522
Transporters' .....	-	-	13,261	4,913,969	16,014,464	1,172,866	-	22,114,560	197,405	22,311,965
Closing - Field and plant .....	-	-	89,443	474,340	979,566	73,242	57,487	1,674,078	-	1,674,078
Transporters' .....	-	-	14,615	4,992,880	15,806,209	1,100,675	-	21,914,379	196,728	22,111,107
Net change .....	-	-	3,864	68,495	- 114,692	- 65,079	- 11,213	- 118,625	- 677	- 119,302
Pipeline fuel .....	-	-	-	-	24,454	-	-	24,454	-	24,454
Field and plant use .....	-	-	-	290	10,681	616	-	11,587	-	11,587
Losses and adjustments .....	-	-	- 14,229	93,490	- 144,265	- 37,099	-	- 102,103	357	- 101,746
Total disposition .....	310	114,823	416,316	7,264,042	15,489,418	1,162,774	26,349	24,474,032	12,899,984	37,374,016

... Figures not appropriate or not applicable.  
<sup>1</sup> Revised figure.



TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, May 1965

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	7,259	994,208	4,814,399
2	Less field flared and waste .....	-	-	1,392,688
3	Net new production (1 - 2) .....	7,259	994,208	3,421,711
	<u>Disposition</u>			
4	Field disposition and uses .....	163	-	143,428
5	Gathering system disposition and uses .....	-	-	48,889
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	163,212
6b	Other disposition and uses .....	-	-	137,810
7	Field injection and storage:			
7a	Injected and stored .....	-	-	-
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	-
8	Other uses .....	-	-	198,709
9	Adjustment .....	-	-	- 4,506
10	Deliveries of marketable gas .....	7,096	994,208	2,734,169
11	Total disposition .....	7,259	994,208	3,421,711
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	1,797,188
12b	Fields .....	7,096	994,208	936,981
13	Total (12a + 12b) .....	7,096	994,208	2,734,169
14	Receipts from distributor storage .....	-	7,171	-
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	7,096	1,001,379	2,734,169
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	2,871,225
20	Manitoba .....	-	-	381,944
21	Ontario .....	-	1,366,934	-
22	Quebec .....	-	-	-
23	New Brunswick .....	4,594	-	-
24	Total sales (17 to 23 inclusive) .....	4,594	1,366,934	3,253,169
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	631,806
28	Pipeline line pack fluctuation .....	-	-	- 8,726
29	Pipeline fuel .....	-	80,145	57,661
30	Pipeline losses etc. ....	2,502	- 445,700	- 1,199,741
31	Total disposition of marketable gas (24 to 30 inclusive) .....	7,096	1,001,379	2,734,169

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, May 1965

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
102,949,391	12,286,490	29,505	121,081,252	-	121,081,252	1
4,249,484	528,389	25,959	6,196,520	-	6,196,520	2
98,699,907	11,758,101	3,546	114,884,732	-	114,884,732	3
829,900	244,768	-	1,218,259	-	1,218,259	4
12,183	-	-	61,072	-	61,072	5
8,600,139	474,202	-	9,237,553	-	9,237,553	6a
3,993,730	604,429	-	4,735,969	-	4,735,969	6b
17,401,158	424,764	-	17,825,922	-	17,825,922	7a
106,236	-	-	106,236	-	106,236	7b
17,294,922	424,764	-	17,719,686	-	17,719,686	7c
88,500	-	3,546	290,755	-	290,755	8
3,653,279	215,896	-	3,864,669	-	3,864,669	9
64,227,254	9,794,042	-	77,756,769	-	77,756,769	10
98,699,907	11,758,101	3,546	114,884,732	-	114,884,732	11
51,885,847	9,445,063	-	63,128,098	-	63,128,098	12a
12,341,407	348,979	-	14,628,671	-	14,628,671	12b
64,227,254	9,794,042	-	77,756,769	-	77,756,769	13
35,320	-	-	42,491	-	42,491	14
3,291	-	-	3,291	-	3,291	15
64,265,865	9,794,042	-	77,802,551	1,644,387	79,446,938	16
773,692	2,803,317	-	3,577,009	-	3,577,009	17
11,561,646	-	-	11,561,646	5,586	11,567,232	18
2,065,257	-	-	4,936,482	-	4,936,482	19
1,527,746	-	-	1,909,690	-	1,909,690	20
13,082,653	-	-	14,449,587	1,638,801	16,088,388	21
1,907,580	-	-	1,907,580	-	1,907,580	22
-	-	-	4,594	-	4,594	23
30,918,574	2,803,317	-	38,346,588	1,644,387	39,990,975	24
24,490,122	6,654,009	-	31,144,131	-	31,144,131	25
165,231	-	-	165,231	-	165,231	26
7,837,844	-	-	8,469,650	-	8,469,650	27
- 265,801	98,415	-	- 176,112	-	- 176,112	28
3,382,831	158,904	-	3,679,541	-	3,679,541	29
- 2,262,936	79,397	-	- 3,826,478	-	- 3,826,478	30
64,265,865	9,794,042	-	77,802,551	1,644,387	79,446,938	31

TABLE 4. Production of Natural Gas by Month, by Province, 1965

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
Mcf. at 14.73 p.s.i.a. and 60°F							
January .....	11,708	1,470,195	3,945,106	116,876,133	15,399,267	4,479	137,706,888
February .....	12,080	1,296,058	3,570,110	104,242,991	13,623,628	6,120	122,750,987
March .....	11,901	1,439,703	4,006,656	112,583,159	14,552,403	5,329	132,599,151
April .....	9,037	1,225,190	3,756,465	99,466,938	12,643,663	6,063	117,107,356
May .....	7,259	994,208	3,421,711	98,699,907	11,758,101	3,546	114,884,732
June .....							
July .....							
August .....							
September .....							
October .....							
November .....							
December .....							
Total year to date .....	51,985	6,425,354	18,700,048	531,869,128	67,977,062	25,537	625,049,114
Total May 1964 .....	7,133	840,958	3,265,045	87,294,397	10,347,502	1,849	101,756,884

TABLE 5. Production of Propane and Butanes from Natural Gas by Month, by Province, 1965

Month	Propane				Butanes			
	Saskatchewan	Alberta	British Columbia	Canada	Saskatchewan	Alberta	British Columbia	Canada
barrels of 35 Canadian gallons								
January .....	54,729	807,465	39,263	901,457	27,128	559,473	41,762	628,363
February .....	49,686	748,340	30,206	828,232	24,216	506,391	37,863	568,470
March .....	58,700	808,050	30,333	897,083	28,285	533,559	38,343	600,187
April .....	53,881	759,170	25,443	838,494	25,409	485,743	35,351	546,503
May .....	57,499	662,601	24,890	744,990	28,074	445,501	35,722	509,297
June .....								
July .....								
August .....								
September .....								
October .....								
November .....								
December .....								
Total year to date .....	274,495	3,785,626	150,135	4,210,256	133,112	2,530,667	189,041	2,852,820
Total May 1964 .....	54,659	528,123	10,585	593,367	30,851	373,208	30,280	434,339







# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 17, No. 6

Price: 20 cents, \$2.00 a year

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

JUNE 1965

The production of crude petroleum and equivalent hydrocarbon during June 1965 amounted to 24,630,746 barrels (821,025 barrels/day), a decrease of 0.1 per cent or 993 barrels per day from June 1964. The June production figures for all petroleum liquids for the two years are as follows:

	June 1965		June 1964	
	millions of barrels	barrels per day	millions of barrels	barrels per day
Crude petroleum and condensates .....	22.5	750,000	22.7	756,667
Pentanes plus .....	2.1	70,000	1.9	63,333
Propanes and butanes .....	1.3	43,333	1.1	36,667
Totals .....	25.9	863,333	25.7	856,667

The disposition of the June 1965 production was 16.5 million barrels (66.8 per cent) to Canadian refineries, 8.6 million barrels (34.8 per cent) was exported. The difference of - 1.6 per cent between supply and sales is accounted for by other disposition items. Imported crude petroleum for this same period amounted to 12.7 million barrels (423,013 barrels/day) bringing domestic requirements for crude petroleum and equivalent hydrocarbons to 29.2 million barrels (971,857 barrels/day).

Natural gas production increased 16.9 per cent to 106,981,261 Mcf. from 91,501,724 Mcf. in June 1964. Of the total production of 107.0 million Mcf., 23.2 million was net deliveries to storage and injection operations, 18.0 million was used, lost or unaccounted for in fields and processing plants, 32.5 million was exported, 15.3 million was sold to ultimate customers in the prairies, 11.5 million in Ontario, 3.3 million in British Columbia and 2.2 million in Quebec. The remaining 1.0 million Mcf. was accounted for by other deliveries, pipeline fuel and line pack fluctuations.

Commencing with the June 1965 publication, Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus; propane and butanes production. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian gallons at 60°F. Details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition end use.

Marketable gas is taken to include all natural gas purchased directly from fields or processing plants which meets the specifications required for domestic, commercial or industrial fuel use.

A companion publication, "Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas in this report are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F.

Commencing with the June 1965 publication Tables 4 and 5 have been changed to provide a "Supply and Disposition of gas processing plant propane and butanes". The disposition items "Deliveries Petrochemical Plants, Distributions and Other" and "Refinery Raw Material" are correlated to "Receipts From Gas Processing Plants", table 3 and "Refinery Receipts of Propane/Butane/Mixes From Gas Processing Plants", table 2, respectively in the "Monthly Refined Petroleum Products Publication" Catalogue number 45-004. January to May 1965 data on these new tables will be published at a later date.

Industry Division

November 1965  
6511-515

ROGER DUHAMEL, F.R.S.C., Queen's Printer and Controller of Stationery, Ottawa

TABLE 1. Field and Plant Production of Liquid Hydrocarbons by Month, by Province, 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
	barrels of 35 Canadian gallons							
Crude oil and condensate								
January	299	94,485	398,597	7,102,112	17,860,267	1,005,456	49,674	26,510,890
February	298	89,230	357,046	6,382,912	15,537,605	903,469	70,825	23,341,385
March	377	110,932	403,181	7,329,287	16,240,006	1,056,504	56,106	25,196,393
April	252	113,025	395,927	6,863,354	14,479,919	1,068,193	45,113	22,965,783
May	310	114,823	416,316	7,243,155	13,486,964	1,088,311	26,349	22,376,228
June	330	106,029	416,692	7,093,827	13,743,368	1,088,453	50,283	22,498,982
July								
August								
September								
October								
November								
December								
Pentanes plus								
January	-	-	-	20,971	2,387,019	86,369	-	2,494,359
February	-	-	-	18,714	2,138,274	82,964	-	2,239,952
March	-	-	-	21,262	2,376,638	91,916	-	2,489,816
April	-	-	-	19,101	2,089,809	80,960	-	2,189,870
May	-	-	-	20,887	2,002,454	74,463	-	2,097,804
June	-	-	-	24,899	2,034,942	71,923	-	2,131,764
July								
August								
September								
October								
November								
December								
Propane								
January	-	-	-	54,729	807,465	39,263	-	901,457
February	-	-	-	49,686	748,340	30,206	-	828,232
March	-	-	-	58,700	808,050	30,333	-	897,083
April	-	-	-	53,881	759,170	25,443	-	838,494
May	-	-	-	57,499	662,601	24,890	-	744,990
June	-	-	-	59,919	706,343	24,349	-	790,611
July								
August								
September								
October								
November								
December								
Butanes								
January	-	-	-	27,128	559,473	41,762	-	628,363
February	-	-	-	24,216	506,391	37,863	-	568,470
March	-	-	-	28,285	533,559	38,343	-	600,187
April	-	-	-	25,409	485,743	35,351	-	546,503
May	-	-	-	28,074	445,501	35,722	-	509,297
June	-	-	-	30,367	459,468	38,410	-	528,245
July								
August								
September								
October								
November								
December								
Total June 1965	330	106,029	416,692	7,209,012	16,944,121	1,223,135	50,283	25,949,602
Total year to date	1,866	628,524	2,387,759	42,638,374	111,859,369	7,100,916	298,350	164,915,158
Total June 1964	308	103,809	359,665	6,812,588	17,366,483	1,031,991	32,564	25,707,408

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, June 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
<u>New supply</u>										
Domestic production:										
Crude oil .....	330	106,029	416,692	7,093,827	13,696,514(1)	1,087,364	50,283	22,451,039	...	22,451,039
Condensate .....	-	-	-	-	46,854	1,089	-	47,943	...	47,943
Pentanes plus .....	-	-	-	24,899	2,034,942	71,923	-	2,131,764	...	2,131,764
Total crude oil and equivalent	330	106,029	416,692	7,118,726	15,778,310	1,160,376	50,283	24,630,746	...	24,630,746
Imports .....	...	...	...	...	...	...	...	...	12,690,403	12,690,403
Total new supply .....	330	106,029	416,692	7,118,726	15,778,310	1,160,376	50,283	24,630,746	12,690,403	37,321,149
<u>Disposition</u>										
Deliveries to refineries:										
Atlantic Provinces .....	330	-	-	-	-	-	-	330	4,075,449	4,075,449
Quebec .....	-	-	-	-	-	-	-	-	8,506,485	8,506,485
Ontario .....	-	106,029	421,722	3,771,942	4,062,983	-	-	8,362,676	108,769	8,471,445
Manitoba .....	-	-	11,103	933,711	213,610	-	-	1,158,424	-	1,158,424
Saskatchewan .....	-	-	-	443,003	1,392,388	-	-	1,835,391	-	1,835,391
Alberta .....	-	-	-	68,282	2,633,737	-	-	2,702,019	-	2,702,019
British Columbia .....	-	-	-	-	1,341,959	1,014,668	-	2,356,627	-	2,356,627
Northwest Territories .....	-	-	-	-	-	-	49,550	49,550	-	49,550
Totals .....	330	106,029	432,825	5,216,938	9,644,677	1,014,668	49,550	16,465,017	12,690,703	29,155,720
Exports to U.S.A.:										
Northwest Area:										
West of Rocky Mountains .....	-	-	-	-	4,532,493	141,591	-	4,674,084	-	4,674,084
East of Rocky Mountains .....	-	-	-	-	412,275	-	-	412,275	-	412,275
Great Lakes Area .....	-	-	-	1,448,850	2,038,308	-	-	3,487,158	-	3,487,158
Totals .....	-	-	-	1,448,850	6,983,076	141,591	-	8,573,517	-	8,573,517
Deliveries to other purchasers ..	-	-	-	1,742	7,500	-	-	9,242	-	9,242
Inventories:										
Opening - Field and plant .....	-	-	89,443	474,340	979,566	73,536	57,487	1,674,372	-	1,674,372
Transporters' .....	-	-	14,615	4,992,880	15,806,264 <sup>r</sup>	1,100,675	-	21,914,434	196,728	22,111,162
Closing - Field and plant .....	-	-	84,852	461,544	1,009,974	70,992	58,220	1,685,582	-	1,685,582
Transporters' .....	-	-	14,668	5,513,679	14,714,104	1,149,593	-	21,392,044	196,509	21,588,553
Net change .....	-	-	- 4,538	508,003	-1,061,752	46,374	733	- 511,180	- 219	- 511,399
Pipeline fuel .....	-	-	-	-	20,427	-	-	20,427	-	20,427
Field and plant use .....	-	-	-	1,309	9,061	799	-	11,169	-	11,169
Losses and adjustments .....	-	-	- 11,595	- 58,116	175,321	- 43,056	-	62,554	- 81	62,473
Total disposition .....	330	106,029	416,692	7,118,726	15,778,310	1,160,376	50,283	24,630,746	12,690,403	37,321,149

(1) Does not include 277,607 barrels returned to formation.

<sup>r</sup> Revised figures.

... Figures not appropriate or not applicable.



TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, June 1965

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	6,121	888,849	4,191,607
2	Less field flared and waste .....	-	-	1,378,968
3	Net new production (1 - 2) .....	6,121	888,849	2,812,639
	<u>Disposition</u>			
4	Field disposition and uses .....	137	-	110,121
5	Gathering system disposition and uses .....	-	-	30,067
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	174,208
6b	Other disposition and uses .....	-	-	153,756
7	Field injection and storage:			
7a	Injected and stored .....	-	-	-
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	-
8	Other uses .....	-	-	199,020
9	Adjustment .....	-	-	- 5,278
10	Deliveries of marketable gas .....	5,984	888,849	2,150,745
11	Total disposition .....	6,121	888,849	2,812,639
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	1,407,306
12b	Fields .....	5,984	888,849	743,439
13	Total (12a + 12b) .....	5,984	888,849	2,150,745
14	Receipts from distributor storage .....	-	23,638	23,389
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	5,984	912,487	2,174,134
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	2,321,518
20	Manitoba .....	-	-	271,051
21	Ontario .....	-	996,077	-
22	Quebec .....	-	-	-
23	New Brunswick .....	4,221	-	-
24	Total sales (17 to 23 inclusive) .....	4,221	996,077	2,592,569
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	-
28	Pipeline line pack fluctuation .....	-	-	- 43,054
29	Pipeline fuel .....	-	29,130	39,486
30	Pipeline losses etc. ....	1,763	- 112,720	- 414,867
31	Total disposition of marketable gas (24 to 30 inclusive) .....	5,984	912,487	2,174,134

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, June 1965

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
97,297,593	10,900,059	65,560	113,349,789	-	113,349,789	1
4,148,239	776,779	64,542	6,368,528	-	6,368,528	2
93,149,354	10,123,280	1,018	106,981,261	-	106,981,261	3
322,182	423,425	-	855,865	-	855,865	4
222,432	-	-	252,499	-	252,499	5
8,879,825	441,768	-	9,495,801	-	9,495,801	6a
4,362,054	348,966	-	4,864,776	-	4,864,776	6b
16,621,577	317,402	-	16,938,979	-	16,938,979	7a
72,063	-	-	72,063	-	72,063	7b
16,549,514	317,402	-	16,866,916	-	16,866,916	7c
60,172	-	1,018	260,210	-	260,210	8
2,281,822	28,752	-	2,305,296	-	2,305,296	9
60,471,353	8,562,967	-	72,079,898	-	72,079,898	10
93,149,354	10,123,280	1,018	106,981,261	-	106,981,261	11
50,839,679	8,193,698	-	60,440,683	-	60,440,683	12a
9,631,674	369,269	-	11,639,215	-	11,639,215	12b
60,471,353	8,562,967	-	72,079,898	-	72,079,898	13
72,630	-	-	119,657	-	119,657	14
1,233	-	-	1,233	-	1,233	15
60,545,216	8,562,967	-	72,200,788	1,289,500	73,490,288	16
712,191	2,568,617	-	3,280,808	-	3,280,808	17
10,084,427	-	-	10,084,427	3,562	10,087,989	18
1,365,403	-	-	3,686,921	-	3,686,921	19
1,208,050	-	-	1,479,101	-	1,479,101	20
10,466,978	-	-	11,463,055	1,285,938	12,748,993	21
2,241,929	-	-	2,241,929	-	2,241,929	22
-	-	-	4,221	-	4,221	23
26,078,978	2,568,617	-	32,240,462	1,289,500	33,529,962	24
26,490,489	6,055,842	-	32,546,331	-	32,546,331	25
188,888	-	-	188,888	-	188,888	26
6,447,425	-	-	6,447,425	-	6,447,425	27
- 145,522	- 126,509	-	- 315,085	-	- 315,085	28
2,803,742	121,308	-	2,993,666	-	2,993,666	29
- 1,318,784	- 56,291	-	- 1,900,899	-	- 1,900,899	30
60,545,216	8,562,967	-	72,200,788	1,289,500	73,490,288	31

TABLE 4. Supply and Disposition of Gas Processing Plant Propane, June 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production .....	...	...	...	...	59,919	706,343	24,349	...	790,611
Opening inventory .....	...	...	...	...	53,980	421,276	4,598	...	479,854
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	-	2,896	...	-	-	-	2,896
Alberta .....	-	25,104	59,988	19,097	67,401	...	19,090	-	190,680
British Columbia .....	-	-	-	-	-	115	...	219	334
Deliveries .....	...	...	...	...	- 2,896	- 190,680	- 334	...	- 193,910
Total supply .....	-	25,104	59,988	21,993	178,404	937,054	47,703	219	1,270,465
<u>Disposition</u>									
Deliveries:									
Petrochemical plants .....	...	-	-	...	...	92,944	...	...	92,944
Distributor and other .....	-	25,104	59,988	21,993	37,128	80,535	21,608	219	246,575
Refinery raw material .....	-	25,104	59,988	21,993	37,128	173,479	21,608	219	339,519
Exports:							8,297	-	8,297
U.S.A. Petroleum Administration									
District II .....	...	...	...	...	32,117	72,435	-	...	104,552
IV .....	...	...	...	...	-	-	-	...	10,007
V .....	...	...	...	...	-	44,020	35	...	44,055
Other .....	...	...	...	...	-	-	-	...	-
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	93,034	...	...	93,034
Gas enrichment .....	...	...	...	...	...	13,469	...	...	13,469
Losses and adjustments .....	-	-	-	-	- 1,663	- 4,920	6,368	-	- 215
Plant uses .....	...	...	...	...	493	1,672	6,883	...	9,048
Returned to formation .....	...	...	...	...	...	20,935	...	...	20,935
Closing inventory .....	...	...	...	...	110,329	512,923	4,512	...	627,764
Total disposition .....	-	25,104	59,988	21,993	178,404	937,054	47,703	219	1,270,465

... Figures not appropriate or not applicable.

TABLE 5. Supply and Disposition of Gas Processing Plant Butanes, June 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production .....	...	...	...	...	30,367	459,468	34,201	...	524,036
Opening inventory .....	...	...	...	...	84,370	288,167	4,529	...	377,066
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	-	1,223	...	-	-	-	-
Alberta .....	-	-	26,010	-	30,965	...	1,831	-	60,029
British Columbia .....	-	-	-	-	-	384	...	-	384
Deliveries .....	...	...	...	...	-	- 60,029	- 384	...	- 60,413
Total supply .....	-	-	26,010	1,223	145,702	687,990	40,177	-	901,102
<u>Disposition</u>									
Deliveries:									
Petrochemical plants .....	...	-	-	...	...	9,303	...	...	9,303
Distributor and other .....	-	-	-	-	-	-	5,851	-	5,851
Refinery raw material .....	-	-	26,693	2,355	-	9,303	5,851	-	15,154
Exports:						54,975	15,015	-	99,038
U.S.A. Petroleum Administration									
District II .....	...	...	...	...	15,166	75,875	-	...	91,041
IV .....	...	...	...	...	-	14,329	-	...	14,329
V .....	...	...	...	...	-	129,379	-	...	129,379
Other .....	...	...	...	...	-	-	-	...	-
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	-	...	...	-
Gas enrichment .....	...	...	...	...	...	537	-	...	537
Losses and adjustments .....	-	-	- 683	- 1,132	4,348	13,641	4,889	-	21,063
Plant uses .....	...	...	...	...	-	42,782	9,398	...	52,180
Returned to formation .....	...	...	...	...	...	417	...	...	417
Closing inventory .....	...	...	...	...	126,188	346,752	5,024	...	477,964
Total disposition .....	-	-	26,010	1,223	145,702	687,990	40,177	-	901,102

... Figures not appropriate or not applicable.





# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 17, No. 7

Price: 20 cents, \$2.00 a year

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

JULY 1965

The production of crude petroleum and equivalent hydrocarbon during July 1965 amounted to 26,064,566 barrels (840,792 barrels/day), an increase of 4.9 per cent or 39,434 barrels per day from July 1964. The July production figures for all petroleum liquids for the two years are as follows:

	July 1965		July 1964	
	millions of barrels	barrels per day	millions of barrels	barrels per day
Crude petroleum and condensates .....	24.0	774,194	22.9	738,710
Pentanes plus .....	2.1	67,742	2.0	64,516
Propanes and butanes .....	1.4	45,161	1.1	35,484
Totals .....	27.5	887,097	26.0	838,710

The disposition of crude and equivalent for July 1965 was 17.8 million barrels (68.2 per cent) to Canadian refineries, 8.9 million barrels (34.1 per cent) was exported. The difference of - 2.3 per cent between supply and sales is accounted for by other disposition items. Imported crude petroleum for this same period amounted to 12.3 million barrels (396,774 barrels/day) bringing domestic requirements for crude petroleum and equivalent hydrocarbons to 30.1 million barrels (970,968 barrels/day).

Natural gas production increased 4.4 per cent to 99,453,559 Mcf. from 95,251,918 Mcf. in July 1964. The disposition of Natural Gas for July is as follows; 27.0 million was net deliveries to storage and injection operations, 11.5 million was used, lost or unaccounted for in fields and processing plants and 30.9 million was exported; 12.8 million was sold to ultimate customers in the prairies, 9.3 million in Ontario, 3.1 million in British Columbia and 2.1 million in Quebec. The remaining 2.8 million Mcf. was accounted for by other deliveries, pipeline fuel and line pack fluctuations.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus, propane and butane production. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian gallons at 60°F. Details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition end use.

Marketable gas is taken to include all natural gas purchased directly from fields or processing plants which meets the specifications required for domestic, commercial or industrial fuel use.

A companion publication "Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas in this report are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F.

In Tables 4 and 5, disposition items "Deliveries Petrochemical Plants, Distributors and Others" and "Refinery Material" are correlated to "Receipts from Gas Processing Plants", table 3 and "Refinery Receipts of Propane/Butane/Mixes From Gas Processing Plants", table 2, respectively in the companion publication "Refined Petroleum Products", Catalogue number 45-004.

Industry Division

December 1965  
6511-515

ROGER DUHAMEL, F.R.S.C., Queen's Printer and Controller of Stationery, Ottawa

TABLE 1. Field and Plant Production of Liquid Hydrocarbons by Month, by Province, 1965

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barrels of 35 Canadian gallons								
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January	299	94,485	398,597	7,102,112	17,860,267	1,005,456	49,674	26,510,890
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June	330	106,029	416,692	7,093,827	13,743,368	1,088,453	50,283	22,498,982
July	348	108,913	434,602	7,473,542	14,703,239	1,167,208	74,771	23,962,623
August								
September								
October								
November								
December								
Pentanes plus								
January	-	-	-	20,971	2,387,019	86,369	-	2,494,359
February	-	-	-	18,714	2,138,274	82,964	-	2,239,952
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July	-	-	-	25,009	2,005,916	71,018	-	2,101,943
August								
September								
October								
November								
December								
Propane								
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February	-	-	-	49,686	748,340	30,206	-	828,232
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April	-	-	-	53,881	759,170	25,443	-	838,494
May	-	-	-	57,499	662,601	24,890	-	744,990
June	-	-	-	59,919	706,343	24,349	-	790,611
July	-	-	-	56,402	753,201	28,138	-	837,741
August								
September								
October								
November								
December								
Butanes								
January	-	-	-	27,128	559,473	41,762	-	628,363
February	-	-	-	24,216	506,391	37,863	-	568,470
March	-	-	-	28,285	533,559	38,343	-	600,187
April	-	-	-	25,409	485,743	35,351	-	546,503
May	-	-	-	28,074	445,501	35,722	-	509,297
June	-	-	-	30,367	459,468	38,410	-	528,245
July	-	-	-	31,424	472,243	36,873	-	540,540
August								
September								
October								
November								
December								
Total July 1965	348	108,913	434,602	7,586,377	17,934,599	1,303,237	74,771	27,442,847
Total year to date	2,214	737,437	2,822,361	50,224,751	129,793,968	8,404,153	373,121	192,358,005
Total July 1964	299	106,230	379,261	6,983,252	17,360,984	1,054,532	59,395	25,943,953

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, July 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
<u>New supply</u>										
Domestic production:										
Crude oil .....	348	108,913	434,602	7,473,542	14,658,964(1)	1,165,615	74,771	23,916,755	...	23,916,755
Condensate .....	-	-	-	-	44,275	1,593	-	45,868	...	45,868
Pentanes plus .....	-	-	-	25,009	2,005,916	71,018	-	2,101,943	...	2,101,943
Total crude oil and equivalent	348	108,913	434,602	7,498,551	16,709,155	1,238,226	74,771	26,064,566	...	26,064,566
Imports .....	...	...	...	...	...	...	...	...	12,333,108	12,333,108
Total new supply .....	348	108,913	434,602	7,498,551	16,709,155	1,238,226	74,771	26,064,566	12,333,108	38,397,674
<u>Disposition</u>										
Deliveries to refineries:										
Atlantic Provinces .....	348	-	-	-	-	-	-	348	3,007,353	3,007,701
Quebec .....	-	-	-	4,826,212	-	-	-	-	9,200,273	9,200,273
Ontario .....	-	108,913	418,246	527,310	4,113,848	-	-	9,467,219	80,660	9,547,879
Manitoba .....	-	-	15,229	493,769	457,778	-	-	1,000,317	-	1,000,317
Saskatchewan .....	-	-	-	71,393	1,515,733	-	-	2,009,502	-	2,009,502
Alberta .....	-	-	-	2,846,051	2,846,051	-	-	2,917,444(2)	-	2,917,444
British Columbia .....	-	-	-	-	1,261,817	1,039,149	-	2,300,966	-	2,300,966
Northwest Territories .....	-	-	-	-	-	-	79,018	79,018	-	79,018
Totals .....	348	108,913	433,475	5,918,684	10,195,227	1,039,149	79,018	17,774,814	12,288,286	30,063,100
Exports to U.S.A.:										
Northwest Area:	-	-	-	-	-	-	-	-	-	-
West of Rocky Mountains .....	-	-	-	-	4,609,948	194,302	-	4,804,250	-	4,804,250
East of Rocky Mountains .....	-	-	-	-	365,499	-	-	365,499	-	365,499
Great Lakes Area .....	-	-	-	1,941,942	1,785,086	-	-	3,727,028	-	3,727,028
Totals .....	-	-	-	1,941,942	6,760,533	194,302	-	8,896,777	-	8,896,777
Deliveries to other purchasers ..										
Inventories:	-	-	-	604	6,044	-	-	6,648	-	6,648
Opening - Field and plant .....	-	-	84,852	461,544	1,009,974	71,153	58,220	1,685,743	-	1,685,743
Transporters' .....	-	-	14,668	5,513,679	14,720,373 <sup>r</sup>	1,149,593	-	21,398,313	196,509	21,594,822
Closing - Field and plant .....	-	-	89,234	456,854	908,897	51,606	53,973	1,560,564	-	1,560,564
Transporters' .....	-	-	14,187	5,216,566	14,425,269	1,195,153	-	20,851,175	241,590	21,092,765
Net change .....	-	-	3,901	- 301,803	- 396,181	26,013	- 4,247	- 672,317	45,081	- 627,236
Pipeline fuel .....	-	-	-	-	16,491	-	-	16,491	-	16,491
Field and plant use .....	-	-	-	266	13,584	2,713	-	16,563	-	16,563
Losses and adjustments .....	-	-	- 2,774	- 61,142	113,457	- 23,951	-	25,590	- 259	25,331
Total disposition .....	348	108,913	434,602	7,498,551	16,709,155	1,238,226	74,771	26,064,566	12,333,108	38,397,674

(1) Does not include 354,661 barrels returned to formation.

(2) Due to adjustments Alberta will not correspond to the published receipts in Refined Petroleum Products, catalogue (45-004).

<sup>r</sup> Revised figures.

... Figures not appropriate or not applicable.



TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, July 1965

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	6,005	625,422	4,208,724
2	Less field flared and waste .....	-	-	1,465,956
3	Net new production (1 - 2) .....	6,005	625,422	2,742,768
	<u>Disposition</u>			
4	Field disposition and uses .....	135	-	132,065
5	Gathering system disposition and uses .....	-	-	31,181
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	172,551
6b	Other disposition and uses .....	-	-	242,544
7	Field injection and storage:			
7a	Injected and stored .....	-	-	-
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	-
8	Other uses .....	-	-	231,030
9	Adjustment .....	-	-	- 8,359
10	Deliveries of marketable gas .....	5,870	625,422	1,941,756
11	Total disposition .....	6,005	625,422	2,742,768
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	1,368,156
12b	Fields .....	5,870	625,422	573,600
13	Total (12a + 12b) .....	5,870	625,422	1,941,756
14	Receipts from distributor storage .....	-	-	34,666
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	5,870	625,422	1,976,422
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	1,632,111
20	Manitoba .....	-	-	517,059
21	Ontario .....	-	632,992	-
22	Quebec .....	-	-	-
23	New Brunswick .....	3,725	-	-
24	Total sales (17 to 23 inclusive) .....	3,725	632,992	2,149,170
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	257,054
28	Pipeline line pack fluctuation .....	-	-	18,507
29	Pipeline fuel .....	-	35,130	43,671
30	Pipeline losses etc. ....	2,145	- 42,700	- 491,980
31	Total disposition of marketable gas (24 to 30 inclusive) .....	5,870	625,422	1,976,422

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, July 1965

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
90,643,641	11,188,961	78,718	106,751,471	-	106,751,471	1
4,795,385	958,625	77,946	7,297,912	-	7,297,912	2
85,848,256	10,230,336	772	99,453,559	-	99,453,559	3
1,036,853	269,772	-	1,438,825	-	1,438,825	4
130,452	-	-	161,633	-	161,633	5
8,725,803	445,765	-	9,344,119	-	9,344,119	6a
4,379,622	558,634	-	5,180,800	-	5,180,800	6b
17,959,429	182,999	-	18,142,428	-	18,142,428	7a
110,106	-	-	110,106	-	110,106	7b
17,849,323	182,999	-	18,032,322	-	18,032,322	7c
60,589	-	772	292,391	-	292,391	8
- 4,853,931	- 93,280	-	- 4,955,570	-	- 4,955,570	9
58,519,545	8,866,446	-	69,959,039	-	69,959,039	10
85,848,256	10,230,336	772	99,453,559	-	99,453,559	11
50,271,848	8,453,228	-	60,093,232	-	60,093,232	12a
8,247,697	413,218	-	9,865,807	-	9,865,807	12b
58,519,545	8,866,446	-	69,959,039	-	69,959,039	13
13,499	-	-	48,165	-	48,165	14
548	-	-	548	-	548	15
58,533,592	8,866,446	-	70,007,752	1,395,736	71,403,488	16
766,701	2,367,555	-	3,134,256	-	3,134,256	17
8,983,236	-	-	8,983,236	2,115	8,985,351	18
1,299,713	-	-	2,931,824	-	2,931,824	19
323,043	-	-	840,102	-	840,102	20
8,657,587	-	-	9,290,579	1,393,621	10,684,200	21
2,147,095	-	-	2,147,095	-	2,147,095	22
-	-	-	3,725	-	3,725	23
22,177,375	2,367,555	-	27,330,817	1,395,736	28,726,553	24
24,626,556	6,283,804	-	30,910,360	-	30,910,360	25
169,046	-	-	169,046	-	169,046	26
8,763,754	-	-	9,020,808	-	9,020,808	27
- 29,473	- 33,995	-	- 44,961	-	- 44,961	28
2,976,272	182,126	-	3,237,199	-	3,237,199	29
- 149,938	66,956	-	- 615,517	-	- 615,517	30
58,533,592	8,866,446	-	70,007,752	1,395,736	71,403,488	31

TABLE 4. Supply and Disposition of Gas Processing Plant Propane, July 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
	barrels of 35 Canadian gallons								
<u>Supply</u>									
Production .....	...	...	...	...	56,402	753,201	28,138	...	837,741
Opening inventory .....	...	...	...	...	110,329	512,923	4,512	...	627,764
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	-	152	...	-	-	-	152
Alberta .....	-	21,648	70,119	12,930	54,170	...	14,501	-	173,368
British Columbia .....	-	-	-	-	-	242	...	450	692
Deliveries .....	...	...	...	...	- 152	- 173,368	- 692	...	- 174,212
Total supply .....	-	21,648	70,119	13,082	220,749	1,092,998	46,459	450	1,465,505
<u>Disposition</u>									
Deliveries:									
Petrochemical plants .....	...	-	-	...	...	115,691	...	...	115,691
Distributor and other .....	-	21,648	70,119	13,082	26,801	75,285	20,258	450	227,643
Sub-total .....	-	21,648	70,119	13,082	26,801	190,976	20,258	450	343,334
Refinery raw material .....	-	-	-	-	-	-	13	-	13
Exports:									
U.S.A. Petroleum Administration									
District II .....	...	...	...	...	34,809	90,850	-	...	125,659
District IV .....	...	...	...	...	-	11,214	-	...	11,214
District V .....	...	...	...	...	-	44,271	155	...	44,426
Other .....	...	...	...	...	-	-	7,019	...	7,019
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	106,415	...	...	106,415
Gas enrichment .....	...	...	...	...	...	30,695	...	...	30,695
Losses and adjustments .....	-	-	-	-	2,756	- 10,101	12,329	-	4,964
Plant uses .....	...	...	...	...	799	32,587	-	...	33,386
Returned to formation .....	...	...	...	...	...	13,141	...	...	13,141
Closing inventory .....	...	...	...	...	155,604	582,950	6,685	...	745,239
Total disposition .....	-	21,648	70,119	13,082	220,749	1,092,998	46,459	450	1,465,505

... Figures not appropriate or not applicable.

TABLE 5. Supply and Disposition of Gas Processing Plant Butanes, July 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production .....	...	...	...	...	31,424	472,243	36,873	...	540,540
Opening inventory .....	...	...	...	...	126,188	346,752	5,024	...	477,964
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	-	8,271	49,425	-	-	-	-
Alberta .....	-	-	54,077	-	-	...	169	-	111,942
British Columbia .....	-	-	-	-	-	245	...	-	245
Deliveries .....	...	...	...	...	-	- 111,942	- 245	...	- 112,187
Total supply .....	-	-	54,077	8,271	207,037	707,298	41,821	-	1,018,504
<u>Disposition</u>									
Deliveries:									
Petrochemical plants .....	...	-	-	...	...	11,074	...	...	11,074
Distributor and other .....	-	-	2,065	-	-	-	8,049	-	10,114
Sub-total .....	-	-	2,065	-	-	11,074	8,049	-	21,188
Refinery raw material .....	-	-	32,707	8,519	-	34,102	22,908	-	98,236
Exports:									
U.S.A. Petroleum Administration									
District II .....	...	...	...	...	15,646	75,456	-	...	91,102
IV .....	...	...	...	...	-	15,127	-	...	15,127
V .....	...	...	...	...	-	137,118	-	...	137,118
Other .....	...	...	...	...	-	-	7,709	...	7,709
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	-	...	...	-
Gas enrichment .....	...	...	...	...	...	6,040	...	...	6,040
Losses and adjustments .....	-	-	19,305	- 248	- 8,525	- 21,242	- 3,890	-	- 14,600
Plant uses .....	...	...	...	...	-	29,398	-	...	29,398
Returned to formation .....	...	...	...	...	...	-	...	...	-
Closing inventory .....	...	...	...	...	199,916	420,225	7,045	...	627,186
Total disposition .....	-	-	54,077	8,271	207,037	707,298	41,821	-	1,018,504

... Figures not appropriate or not applicable.





# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 17, No. 8

Price: 20 cents, \$2.00 a year

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

AUGUST 1965

The production of crude petroleum and equivalent hydrocarbon during August 1965 amounted to 29,295,338 barrels (945,011 barrels/day), an increase of 20.2 per cent or 158,670 barrels per day from August 1964. The August production figures for all petroleum liquids for the two years are as follows:

	August 1965		August 1964	
	millions of barrels	barrels per day	millions of barrels	barrels per day
Crude petroleum and condensates .....	27.1	874,193	22.4	722,581
Pentanes plus .....	2.2	70,968	2.0	64,516
Propanes and butanes .....	1.5	48,387	1.0	32,258
Totals .....	30.8	993,548	25.4	819,355

The disposition of crude and equivalent for August 1965 was 18.9 million barrels (64.5 per cent) to Canadian refineries and 9.4 million barrels (32.1 per cent) was exported. The difference of 3.4 per cent between supply and sales is accounted for by other disposition items. Imported crude petroleum for the same period amounted to 11.8 million barrels (380,065 barrels/day) bringing domestic requirements for crude petroleum and equivalent hydrocarbons to 30.6 million barrels (987,097 barrels/day).

Natural gas production increased 10.1 per cent to 108,664,455 Mcf. from 98,658,043 Mcf. in August 1964. The disposition of natural gas for August is as follows; 26.3 million was net deliveries to storage and injection operations, 17.1 million was used, lost or unaccounted for in fields and processing plants and 32.1 million was exported; 12.2 million was sold to ultimate customers in the prairies, 11.0 million in Ontario, 3.4 million in British Columbia and 2.2 million in Quebec. The remaining 4.4 million Mcf. was accounted for by other deliveries, pipeline fuel and line pack fluctuations.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus, propane and butane production. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian gallons at 60°F. Details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition end use.

Marketable gas is taken to include all natural gas purchased directly from fields or processing plants which meets the specifications required for domestic, commercial or industrial fuel use.

A companion publication "Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas in this report are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F.

In Tables 4 and 5, disposition items "Deliveries Petrochemical Plants, Distributors and Others" and "Refinery Material" are correlated to "Receipts from Gas Processing Plants", Table 3 and "Refinery Receipts of Propane/Butane/Mixes From Gas Processing Plants", Table 2, respectively in the companion publication "Refined Petroleum Products", Catalogue number 45-004.

Note: When comparing percentages, allowances should be made for footnote (1) in Table 2.

TABLE 1. Field and Plant Production of Liquid Hydrocarbons by Month, by Province, 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
barrels of 35 Canadian gallons								
Crude oil and condensate								
January .....	299	94,485	398,597	7,102,112	17,860,267	1,005,456	49,674	26,510,890
February .....	298	89,230	357,046	6,382,912	15,537,605	903,469	70,825	23,341,385
March .....	377	110,932	403,181	7,329,287	16,240,006	1,056,504	56,106	25,196,393
April .....	252	113,025	395,927	6,863,354	14,479,919	1,068,193	45,113	22,965,783
May .....	310	114,823	416,316	7,243,155	13,486,964	1,088,311	26,349	22,376,278
June .....	330	106,029	416,692	7,093,827	13,743,368	1,088,453	50,283	22,498,982
July .....	348	108,913	434,602	7,473,542	14,703,239	1,167,208	74,771	23,962,623
August .....	356	103,806	435,157	7,690,245	17,581,237	1,178,210	75,856	27,064,867
September .....								
October .....								
November .....								
December .....								
Pentanes plus								
January .....	-	-	-	20,971	2,387,019	86,369	-	2,494,359
February .....	-	-	-	18,714	2,138,274	82,964	-	2,239,952
March .....	-	-	-	21,262	2,376,638	91,916	-	2,489,816
April .....	-	-	-	19,101	2,089,809	80,960	-	2,189,870
May .....	-	-	-	20,887	2,002,454	74,463	-	2,097,804
June .....	-	-	-	24,899	2,034,942	71,923	-	2,131,764
July .....	-	-	-	25,009	2,005,916	71,018	-	2,101,943
August .....	-	-	-	27,003	2,135,156	68,312	-	2,230,471
September .....								
October .....								
November .....								
December .....								
Propane								
January .....	-	-	-	54,729	807,465	39,263	-	901,457
February .....	-	-	-	49,686	748,340	30,206	-	828,232
March .....	-	-	-	58,700	808,050	30,333	-	897,083
April .....	-	-	-	53,881	759,170	25,443	-	838,494
May .....	-	-	-	57,499	662,601	24,890	-	744,990
June .....	-	-	-	59,919	706,343	24,349	-	790,611
July .....	-	-	-	56,402	753,201	28,138	-	837,741
August .....	-	-	-	57,019	804,136	32,062	-	893,217
September .....								
October .....								
November .....								
December .....								
Butanes								
January .....	-	-	-	27,128	559,473	41,762	-	628,363
February .....	-	-	-	24,216	506,391	37,863	-	568,470
March .....	-	-	-	28,285	533,559	38,343	-	600,187
April .....	-	-	-	25,409	485,743	35,351	-	546,503
May .....	-	-	-	28,074	445,501	35,722	-	509,297
June .....	-	-	-	30,367	459,468	38,410	-	528,245
July .....	-	-	-	31,424	472,243	36,873	-	540,540
August .....	-	-	-	26,339	504,236	43,831	-	574,406
September .....								
October .....								
November .....								
December .....								
Total August 1965 .....	356	103,806	435,157	7,800,606	21,024,765	1,322,415	75,856	30,762,961
Total year to date .....	2,570	841,243	3,257,518	58,025,357	150,818,733	9,726,568	448,977	223,120,966
Total August 1964 .....	445	99,221	394,391	7,002,016	16,734,942	1,118,582	58,084	25,407,681

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, August 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
<u>New supply</u>										
Domestic production:										
Crude oil .....	356	103,806	435,157	7,690,245	17,543,065	1,175,505	75,856	27,023,990	...	27,023,990
Condensate .....	-	-	-	-	38,172	2,705	-	40,877	...	40,877
Pentanes plus .....	-	-	-	27,003	2,135,156	68,312	-	2,230,471	...	2,230,471
Total crude oil and equivalent	356	103,806	435,157	7,717,248	19,716,393	1,246,522	75,856	29,295,338	...	29,295,338
Imports .....	...	...	...	...	...	...	...	...	11,741,426	11,741,426
Total new supply .....	356	103,806	435,157	7,717,248	19,716,393	1,246,522	75,856	29,295,338	11,741,426	41,036,764
<u>Disposition</u>										
Deliveries to refineries:										
Atlantic Provinces .....	356	-	-	-	-	-	-	356	3,640,850	3,641,206
Quebec .....	-	-	-	4,688,034	-	-	-	-	8,055,147	8,055,147
Ontario .....	-	103,806	412,378	-	4,607,382	-	-	9,811,600	80,674	9,892,274
Manitoba .....	-	-	16,782	557,612	540,333	-	-	1,114,727	-	1,114,727
Saskatchewan .....	-	-	-	454,113	1,638,305	-	-	2,092,418	-	2,092,418
Alberta .....	-	-	-	61,503	2,906,383	-	-	2,967,886	-	2,967,886
British Columbia .....	-	-	-	-	1,665,471	1,119,035	-	2,784,506	-	2,784,506
Northwest Territories .....	-	-	-	-	-	-	85,514	85,514	-	85,514
Totals .....	356	103,806	429,160	5,761,262	11,357,874	1,119,035	85,514	18,857,007	11,776,671	30,633,678
Exports to U.S.A.:										
Northwest Area:	-	-	-	-	-	-	-	-	-	-
West of Rocky Mountains .....	-	-	-	-	4,434,986	167,771	-	4,602,757	-	4,602,757
East of Rocky Mountains .....	-	-	-	-	383,474	-	-	383,474	-	383,474
Great Lakes Area .....	-	-	-	2,137,823	2,281,447	-	-	4,419,270	-	4,419,270
Totals .....	-	-	-	2,137,823	7,099,907	167,771	-	9,405,501	-	9,405,501
Deliveries to other purchasers ..	-	-	-	932	4,478	-	-	5,410	-	5,410
Inventories:										
Opening - Field and plant .....	-	-	89,234	456,854	908,897	52,871	53,973	1,561,229	-	1,561,229
Transporters' .....	-	-	14,187	5,216,566	14,425,269	1,195,153	-	20,851,175	241,590	21,092,765
Closing - Field and plant .....	-	-	79,408	466,609	992,169	64,794	44,315	1,647,295	-	1,647,295
Transporters' .....	-	-	15,251	5,022,885	15,130,262	1,161,847	-	21,330,245	207,299	21,537,544
Net change .....	-	-	- 8,762	- 183,926	788,265	- 20,783	- 9,658	565,136	- 34,291	530,845
Pipeline fuel .....	-	-	-	-	27,603	-	-	27,603	-	27,603
Field and plant use .....	-	-	-	760	335,573 (1)	1,287	-	337,620	-	337,620
Losses and adjustments .....	-	-	14,759	397	102,693	- 20,788	-	97,061	- 954	96,107
Total disposition .....	356	103,806	435,157	7,717,248	19,716,393	1,246,522	75,856	29,295,338	11,741,426	41,036,764

(1) Includes 320,767 barrels returned to formation.

r Revised figures.

... Figures not appropriate or not applicable.



TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, August 1965

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	6,015	755,140	4,497,943
2	Less field flared and waste .....	-	-	1,491,535
3	Net new production (1 - 2) .....	6,015	755,140	3,006,408
	<u>Disposition</u>			
4	Field disposition and uses .....	135	-	183,582
5	Gathering system disposition and uses .....	-	-	31,726
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	180,344
6b	Other disposition and uses .....	-	-	186,443
7	Field injection and storage:			
7a	Injected and stored .....	-	-	-
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	-
8	Other uses .....	-	-	212,218
9	Adjustment .....	-	-	- 4,094
10	Deliveries of marketable gas .....	5,880	755,140	2,216,189
11	Total disposition .....	6,015	755,140	3,006,408
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	1,643,306
12b	Fields .....	5,880	755,140	572,883
13	Total (12a + 12b) .....	5,880	755,140	2,216,189
14	Receipts from distributor storage .....	-	-	35,183
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	5,880	755,140	2,251,372
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	872,916
20	Manitoba .....	-	-	488,548
21	Ontario .....	-	599,625	-
22	Quebec .....	-	-	-
23	New Brunswick .....	3,773	-	-
24	Total sales (17 to 23 inclusive) .....	3,773	599,625	1,361,464
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	573,689
28	Pipeline line pack fluctuation .....	-	-	- 2,421
29	Pipeline fuel .....	-	34,165	46,906
30	Pipeline losses etc. ....	2,107	121,350	271,734
31	Total disposition of marketable gas (24 to 30 inclusive) .....	5,880	755,140	2,251,372

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, August 1965

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
98,185,306	12,389,782	68,293	115,902,479	-	115,902,479	1
4,707,429	972,082	66,978	7,238,024	-	7,238,024	2
93,477,877	11,417,700	1,315	108,664,455	-	108,664,455	3
654,897	21,515	-	860,129	-	860,129	4
510,448	-	-	542,174	-	542,174	5
9,502,729	399,113	-	10,082,186	-	10,082,186	6a
4,099,114	811,402	-	5,096,959	-	5,096,959	6b
17,569,019	242,990	-	17,812,009	-	17,812,009	7a
156,421	-	-	156,421	-	156,421	7b
17,412,598	242,990	-	17,655,588	-	17,655,588	7c
67,601	-	1,315	281,134	-	281,134	8
- 37,358	255,652	-	214,200	-	214,200	9
61,267,848	9,687,028	-	73,932,085	-	73,932,085	10
93,477,877	11,417,700	1,315	108,664,455	-	108,664,455	11
52,489,415	9,296,533	-	63,429,254	-	63,429,254	12a
8,778,433	390,495	-	10,502,831	-	10,502,831	12b
61,267,848	9,687,028	-	73,932,085	-	73,932,085	13
25,461	-	-	60,644	-	60,644	14
762	-	-	762	-	762	15
61,294,071	9,687,028	-	73,993,491	1,388,589	75,382,080	16
652,106	2,774,659	-	3,426,765	-	3,426,765	17
8,777,980	-	-	8,777,980	2,046	8,780,026	18
1,691,360	-	-	2,564,276	-	2,564,276	19
384,512	-	-	873,060	-	873,060	20
8,994,062	-	-	9,593,687	1,386,543	10,980,230	21
2,164,222	-	-	2,164,222	-	2,164,222	22
-	-	-	3,773	-	3,773	23
22,664,242	2,774,659	-	27,403,763	1,388,589	28,792,352	24
25,509,850	6,573,257	-	32,083,107	-	32,083,107	25
185,302	-	-	185,302	-	185,302	26
8,161,181	-	-	8,734,870	-	8,734,870	27
18,750	69,441	-	85,770	-	85,770	28
3,160,367	147,035	-	3,388,473	-	3,388,473	29
1,594,379	122,636	-	2,112,206	-	2,112,206	30
61,294,071	9,687,028	-	73,993,491	1,388,589	75,382,080	31

TABLE 4. Supply and Disposition of Gas Processing Plant Propane, August 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production .....	...	...	...	...	57,019	804,136	32,062	...	893,217
Opening inventory .....	...	...	...	...	155,604	582,950	6,685	...	745,239
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	-	1,882	...	-	-	-	1,882
Alberta .....	-	17,888	93,722	15,074	57,996	...	22,668	-	207,348
British Columbia .....	-	-	-	-	-	292	...	728	1,020
Deliveries .....	...	...	...	...	- 1,882	- 207,348	- 1,020	...	- 210,250
Total supply .....	-	17,888	93,722	16,956	268,737	1,180,030	60,395	728	1,638,456
<u>Disposition</u>									
Deliveries:									
Petrochemical plants .....	...	-	-	...	...	106,262	...	...	106,262
Distributor and other .....	-	17,888	93,722	16,956	21,989	83,989	31,486	728	266,758
Sub-total .....	-	17,888	93,722	16,956	21,989	190,251	31,486	728	373,020
Refinery raw material .....	-	-	-	-	-	-	10,448	-	10,448
Exports:									
U.S.A. Petroleum Administration									
District II .....	...	...	...	...	43,161	134,457	-	...	177,618
District IV .....	...	...	...	...	-	10,503	-	...	10,503
District V .....	...	...	...	...	-	35,285	200	...	35,485
Other .....	...	...	...	...	-	7,860	5,080	...	12,940
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	104,551	...	...	104,551
Gas enrichment .....	...	...	...	...	...	934	...	...	934
Losses and adjustments .....	-	-	-	-	...	- 3,518	750	-	- 2,028
Plant uses .....	...	...	...	...	988	11,523	2,989	...	15,500
Returned to formation .....	...	...	...	...	...	17,334	...	...	17,334
Closing inventory .....	...	...	...	...	201,859	670,850	9,442	...	882,151
Total disposition .....	-	17,888	93,722	16,956	268,737	1,180,030	60,395	728	1,638,456

... Figures not appropriate or not applicable.

TABLE 5. Supply and Disposition of Gas Processing Plant Butanes, August 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
	barrels of 35 Canadian gallons								
<u>Supply</u>									
Production .....	...	...	...	...	26,339	504,236	43,831	...	574,406
Opening inventory .....	...	...	...	...	205,304	420,225	7,045	...	632,574
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	42,620	7,202	30,899	-	12,695	-	93,416
Alberta .....	-	-	-	-	-	-	...	-	-
British Columbia .....	-	-	-	-	-	-	...	-	-
Deliveries .....	...	...	...	...	-	- 93,416	-	...	- 93,416
Total supply .....	-	-	42,620	7,202	262,542	831,045	63,571	-	1,206,980
<u>Disposition</u>									
Deliveries:									
Petrochemical plants .....	...	-	2,921	...	...	10,727	...	...	10,727
Distributor and other .....	-	-	2,921	-	-	-	8,443	-	11,364
Sub-total .....	-	-	2,921	-	-	10,727	8,443	-	22,091
Refinery raw material .....	-	-	37,800	6,862	-	45,547	14,214	-	104,423
Exports:									
Government Administration									
District II .....	...	...	...	...	16,785	148,156	-	...	164,941
District III .....	...	...	...	...	-	19,521	-	...	19,521
District IV .....	...	...	...	...	-	176,203	-	...	176,203
District V .....	...	...	...	...	-	5,171	5,724	...	10,895
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	-	...	...	-
Gas enrichment .....	...	...	...	...	...	-	...	...	-
Losses and adjustments .....	-	-	1,899	340	- 3,548	- 26,476	21,653	-	- 6,132
Plant uses .....	...	...	...	...	-	16,791	5,228	...	22,019
Returned to formation .....	...	...	...	...	...	-	...	...	-
Plant inventory .....	...	...	...	...	249,305	435,405	8,309	...	693,019
Total disposition .....	-	-	42,620	7,202	262,542	831,045	63,571	-	1,206,980

... Figures not appropriate or not applicable.





## DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 17, No. 9

Price: 20 cents, \$2.00 a year

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

SEPTEMBER 1965

The production of crude petroleum and equivalent hydrocarbon during September 1965 amounted to 28,534,274 barrels (951,142 barrels/day), an increase of 18.2 per cent or 146,404 barrels per day from September 1964. The September production figures for all petroleum liquids for the two years are as follows:

	September 1965		September 1964	
	millions of barrels	barrels per day	millions of barrels	barrels per day
Crude petroleum and condensates .....	26.5	883,333	22.4	746,667
Pentanes plus .....	2.0	66,667	1.8	60,000
Propanes and butanes .....	1.5	50,000	1.1	36,667
Totals .....	30.0	1,000,000	25.3	843,334

The disposition of crude and equivalent for September 1965 was 18.0 million barrels (63.3 per cent) to Canadian refineries and 9.4 million barrels (32.8 per cent) was exported. The difference of 3.9 per cent between supply and sales is accounted for by other disposition items. Imported crude petroleum for the same period amounted to 10.9 million barrels (362,568 barrels/day) bringing domestic requirements for crude petroleum and equivalent hydrocarbons to 28.9 million barrels (964,185 barrels/day).

Natural gas production increased 11.7 per cent to 110,248,447 Mcf. from 98,713,526 Mcf. in September 1964. The disposition of natural gas for September is as follows; 20.0 million was net deliveries to storage and injection operations, 16.3 million was used, lost or unaccounted for in fields and processing plants and 31.3 million was exported; 15.7 million was sold to ultimate customers in the prairies, 11.2 million in Ontario 4.4 million in British Columbia and 2.4 million in Quebec. The remaining 8.9 million Mcf. was accounted for by other deliveries, pipeline fuel and line pack fluctuations.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus, propane and butane production. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian gallons at 60° F. Details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition end use.

Marketable gas is taken to include all natural gas purchased directly from fields or processing plants which meets the specifications required for domestic, commercial or industrial fuel use.

A companion publication "Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas in this report are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60° F.

In Tables 4 and 5, disposition items "Deliveries Petrochemical Plants, Distributors and Other" and "Refinery material" are correlated to "Receipts from Gas Processing Plants", Table 3 and "Refinery Receipts of Propane/Butane/Mixes From Gas Processing Plants", Table 2, respectively in the companion publication "Refined Petroleum Products", Catalogue number 45-004.

Industry Division

February 1966  
6511-515

TABLE 1. Field and Plant Production of Liquid Hydrocarbons by Month, by Province, 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta(1)	British Columbia	Northwest Territories	Canada	
					barrels of 35 Canadian gallons				
Crude oil and condensate									
January .....	299	94,485	398,597	7,102,112	17,860,267	1,005,456	49,674	26,510,890	
February .....	298	89,230	357,046	6,382,912	15,537,605	903,469	70,825	23,341,385	
March .....	377	110,932	403,181	7,329,287	16,240,006	1,056,504	56,106	25,196,393	
April .....	252	113,025	395,927	6,863,354	14,479,919	1,068,193	45,113	22,965,783	
May .....	310	114,823	416,316	7,243,155	13,486,964	1,088,311	26,349	22,376,228	
June .....	330	106,029	416,692	7,093,827	13,743,368	1,088,453	50,283	22,498,982	
July .....	348	108,913	434,602	7,473,542	14,703,239	1,167,208	74,771	23,962,623	
August .....	356	103,806	435,157	7,690,245	17,581,237	1,178,210	75,856	27,064,867	
September .....	429	106,442	417,208	7,408,009	17,313,652	1,170,604	71,205	26,487,549	
October .....									
November .....									
December .....									
Pentanes plus									
January .....	-	-	-	20,971	2,387,019	86,369	-	2,494,359	
February .....	-	-	-	18,714	2,138,274	82,964	-	2,239,952	
March .....	-	-	-	21,262	2,376,638	91,916	-	2,489,816	
April .....	-	-	-	19,101	2,089,809	80,960	-	2,189,870	
May .....	-	-	-	20,887	2,002,454	74,463	-	2,097,804	
June .....	-	-	-	24,899	2,034,942	71,923	-	2,131,764	
July .....	-	-	-	25,009	2,005,916	71,018	-	2,101,943	
August .....	-	-	-	27,003	2,135,156	68,312	-	2,230,471	
September .....	-	-	-	22,078	1,953,305	71,100	-	2,046,483	
October .....									
November .....									
December .....									
Propane									
January .....	-	-	-	54,729	807,465	39,263	-	901,457	
February .....	-	-	-	49,686	748,340	30,206	-	828,232	
March .....	-	-	-	58,700	808,050	30,333	-	897,083	
April .....	-	-	-	53,881	759,170	25,443	-	838,494	
May .....	-	-	-	57,499	662,601	24,890	-	744,990	
June .....	-	-	-	59,919	706,343	24,349	-	790,611	
July .....	-	-	-	56,402	753,201	28,138	-	837,741	
August .....	-	-	-	57,019	804,136	32,062	-	893,217	
September .....	-	-	-	50,999	809,247	31,184	-	891,430	
October .....									
November .....									
December .....									
Butanes									
January .....	-	-	-	27,128	559,473	41,762	-	628,363	
February .....	-	-	-	24,216	506,391	37,863	-	568,470	
March .....	-	-	-	28,285	533,559	38,343	-	600,187	
April .....	-	-	-	25,409	485,743	35,351	-	546,503	
May .....	-	-	-	28,074	445,501	35,722	-	509,297	
June .....	-	-	-	30,367	459,468	38,410	-	528,245	
July .....	-	-	-	31,424	472,243	36,873	-	540,540	
August .....	-	-	-	26,339	504,236	43,831	-	574,406	
September .....	-	-	-	25,616	484,436	45,046	-	555,098	
October .....									
November .....									
December .....									
Total September 1965 .....	429	106,442	417,208	7,506,702	20,560,640	1,317,934	71,205	29,980,560	
Total year to date .....	2,999	947,685	3,674,726	65,532,059	171,379,373	11,044,502	520,182	253,101,526	
Total September 1964 .....	444	96,568	389,093	6,897,938	16,708,059	1,093,280	70,871	25,256,253	

(1) See footnote on pages 3 and 6.

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, September 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
<u>New supply</u>										
Domestic production:										
Crude oil .....	429	106,684	417,208	7,408,009	17,255,326(1)	1,166,222	71,205	26,425,083	...	26,425,083
Condensate .....	-	-	-	-	58,326	4,382	-	62,708	...	62,708
Pentanes plus .....	-	-	-	22,078	1,953,305	71,100	-	2,046,483	...	2,046,483
Total crude oil and equivalent	429	106,684	417,208	7,430,087	19,266,957	1,241,704	71,205	28,534,274	...	28,534,274
Imports .....	...	...	...	...	...	...	...	...	10,858,306	10,858,306
Total new supply .....	429	106,684	417,208	7,430,087	19,266,957	1,241,704	71,205	28,534,274	10,858,306	39,392,580
<u>Disposition</u>										
Deliveries to refineries:										
Atlantic Provinces .....	429	242	-	-	-	-	-	671	2,394,749	2,395,420
Quebec .....	-	-	-	-	-	-	-	-	8,373,492	8,373,492
Ontario .....	-	106,442	384,457	4,559,642	4,205,677	-	-	9,256,218	108,813	9,365,031
Manitoba .....	-	-	18,714	707,939	502,972	-	-	1,229,625	-	1,229,625
Saskatchewan .....	-	-	-	377,854	1,561,461	-	-	1,939,315	-	1,939,315
Alberta .....	-	-	-	61,052	2,742,193	-	-	2,803,245	-	2,803,245
British Columbia .....	-	-	-	-	1,647,000	1,092,577	-	2,739,577	-	2,739,577
Northwest Territories .....	-	-	-	-	-	-	79,837	79,837	-	79,837
Totals .....	429	106,684	403,171	5,706,487	10,559,303	1,092,577	79,837	18,048,488	10,877,054	28,925,542
Exports to U.S.A.:										
Northwest Area:										
West of Rocky Mountains .....	-	-	-	-	4,426,341	185,731	-	4,612,072	-	4,612,072
East of Rocky Mountains .....	-	-	-	-	286,314	-	-	286,314	-	286,314
Great Lakes Area .....	-	-	-	2,023,962	2,432,684	-	-	4,456,646	-	4,456,646
Totals .....	-	-	-	2,023,962	7,145,339	185,731	-	9,355,032	-	9,355,032
Deliveries to other purchasers ..										
Inventories:										
Opening - Field and plant .....	-	-	79,408	466,609	992,169	64,851 <sup>1</sup>	44,315	1,647,352	-	1,647,352
Transporters' .....	-	-	33,647 <sup>1</sup>	5,022,885	15,130,262	1,161,847	-	21,348,641	207,299	21,555,940
Closing - Field and plant .....	-	-	85,248	442,014	973,132	68,354	35,683	1,604,431	-	1,604,431
Transporters' .....	-	-	51,283	4,696,260	16,180,487	1,120,896	-	22,048,926	193,356	22,242,282
Net change .....	-	-	23,476	- 351,220	1,031,188	- 37,448	- 8,632	657,364	- 13,943	643,421
Pipeline fuel .....	-	-	-	-	34,000	-	-	34,000	-	34,000
Field and plant use .....	-	-	-	2,389	421,225(1)	2,037	-	425,651	-	425,651
Losses and adjustments .....	-	-	- 9,439	45,910	- 29,234	- 1,193	-	6,044	- 4,805	1,239
Total disposition .....	429	106,684	417,208	7,430,087	19,266,957	1,241,704	71,205	28,534,274	10,858,306	39,392,580

(1) Includes 415,647 barrels returned to formation.

<sup>1</sup> Revised figures.

Figures not appropriate or not applicable.



TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, September 1965

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	6,303	796,765	4,874,997
2	Less field flared and waste .....	-	-	1,549,362
3	Net new production (1 - 2) .....	6,303	796,765	3,325,635
	<u>Disposition</u>			
4	Field disposition and uses .....	141	-	169,876
5	Gathering system disposition and uses .....	-	-	15,075
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	159,227
6b	Other disposition and uses .....	-	-	165,797
7	Field injection and storage:			
7a	Injected and stored .....	-	-	-
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	-
8	Other uses .....	-	-	212,117
9	Adjustment .....	-	-	- 8,343
10	Deliveries of marketable gas .....	6,162	796,765	2,611,886
11	Total disposition .....	6,303	796,765	3,325,635
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	1,666,664
12b	Fields .....	6,162	796,765	945,222
13	Total (12a + 12b) .....	6,162	796,765	2,611,886
14	Receipts from distributor storage .....	-	-	93,446
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	6,162	796,765	2,705,332
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	1,154,684
20	Manitoba .....	-	-	124,876
21	Ontario .....	-	743,365	-
22	Quebec .....	-	-	-
23	New Brunswick .....	3,773	-	-
24	Total sales (17 to 23 inclusive) .....	3,773	743,365	1,279,560
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	250,805
28	Pipeline line pack fluctuation .....	-	-	21,378
29	Pipeline fuel .....	-	27,100	55,088
30	Pipeline losses etc. ....	2,389	26,300	1,098,501
31	Total disposition of marketable gas (24 to 30 inclusive) .....	6,162	796,765	2,705,332

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, September 1965

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
98,040,286	13,710,796	67,138	117,496,285	-	117,496,285	1
4,676,745	957,737	63,994	7,247,838	-	7,247,838	2
93,363,541	12,753,059	3,144	110,248,447	-	110,248,447	3
518,682	67,179	-	755,878	-	755,878	4
300,444	-	-	315,519	-	315,519	5
8,923,462	429,079	-	9,511,768	-	9,511,768	6a
4,181,151	548,502	-	4,895,450	-	4,895,450	6b
14,363,406	238,858	-	14,602,264	-	14,602,264	7a
336,793	-	-	336,793	-	336,793	7b
14,026,613	238,858	-	14,265,471	-	14,265,471	7c
70,903	-	3,144	286,164	-	286,164	8
180,411	393,965	-	566,033	-	566,033	9
65,161,875	11,075,476	-	79,652,164	-	79,652,164	10
93,363,541	12,753,059	3,144	110,248,447	-	110,248,447	11
55,451,763	10,844,040	-	67,962,467	-	67,962,467	12a
9,710,112	231,436	-	11,689,697	-	11,689,697	12b
65,161,875	11,075,476	-	79,652,164	-	79,652,164	13
45,591	-	-	139,037	-	139,037	14
484	-	-	484	-	484	15
65,207,950	11,075,476	-	79,791,685	1,564,301	81,355,986	16
630,906	3,813,104	-	4,444,010	-	4,444,010	17
10,867,121	-	-	10,867,121	6,856	10,873,977	18
1,814,624	-	-	2,969,308	-	2,969,308	19
1,740,745	-	-	1,865,621	-	1,865,621	20
10,418,414	-	-	11,161,779	1,557,445	12,719,224	21
2,439,575	-	-	2,439,575	-	2,439,575	22
-	-	-	3,773	-	3,773	23
27,911,385	3,813,104	-	33,751,187	1,564,301	35,315,488	24
24,395,723	6,898,956	-	31,294,679	-	31,294,679	25
193,492	-	-	193,492	-	193,492	26
5,583,489	-	-	5,834,294	-	5,834,294	27
283,068	- 30,639	-	273,807	-	273,807	28
3,068,676	221,847	-	3,372,711	-	3,372,711	29
3,772,117	172,208	-	5,071,515	-	5,071,515	30
65,207,950	11,075,476	-	79,791,685	1,564,301	81,355,986	31

TABLE 4. Supply and Disposition of Gas Processing Plant Propane, September 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production .....	...	...	...	...	50,999	809,247(1)	31,184	...	891,430
Opening inventory .....	...	...	...	...	201,859	670,850	9,442	...	882,151
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	-	7,196	...	-	-	-	7,196
Alberta .....	-	14,223	83,132	25,843	51,031	...	27,622	-	201,851
British Columbia .....	-	-	-	-	-	1,477	...	746	2,223
Deliveries .....	...	...	...	...	- 7,196	- 201,851	- 2,223	...	- 211,270
Total supply .....	-	14,223	83,132	33,039	296,693	1,279,723	66,025	746	1,773,581
<u>Disposition</u>									
Deliveries:									
Petrochemical plants .....	...	...	...	...	...	111,544	...	...	111,544
Distributor and other .....	-	14,223	83,132	33,039	38,821	132,191	42,837	746	344,989
Sub-total .....	-	14,223	83,132	33,039	38,821	243,735	42,837	746	456,533
Refinery raw material .....	-	-	-	-	-	-	5,464	-	5,464
Exports:									
U.S.A. Petroleum Administration:									
District II .....	...	...	...	...	52,064	188,428	-	...	240,492
District IV .....	...	...	...	...	-	21,606	-	...	21,606
District V .....	...	...	...	...	-	54,732	383	...	55,115
Other .....	...	...	...	...	-	17,930	2,372	...	20,302
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	99,744(1)	...	...	99,744
Gas enrichment .....	...	...	...	...	...	-	...	...	-
Losses and adjustments .....	-	-	-	-	- 1,375	7,408	3,115	-	9,148
Plant uses .....	...	...	...	...	434	13,150	1,102	...	14,686
Returned to formation .....	...	...	...	...	...	6,526	...	...	6,526
Closing inventory .....	...	...	...	...	206,749	626,464	10,752	...	843,965
Total disposition .....	-	14,223	83,132	33,039	296,693	1,279,723	66,025	746	1,773,581

(1) Includes 34,412 barrels of L.P.G. mixes.  
... Figures not appropriate or not applicable.

TABLE 5. Supply and Disposition of Gas Processing Plant Butanes, September 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
	barrels of 35 Canadian gallons								
<u>Supply</u>									
Production .....	...	...	...	...	25,616	484,436	45,046	...	555,098
Opening inventory .....	...	...	...	...	249,305	435,405	8,309	...	693,019
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	-	8,379	26,644	-	-	-	-
Alberta .....	-	-	13,924	-	-	139	11,581	-	60,528
British Columbia .....	-	-	-	-	-	-	...	-	139
Deliveries .....	...	...	...	...	-	- 60,528	- 139	...	- 60,667
Total supply .....	-	-	13,924	8,379	301,565	859,452	64,797	-	1,248,117
<u>Disposition</u>									
Deliveries:									
Petrochemical plants .....	...	-	-	...	...	10,879	...	...	10,879
Distributor and other .....	-	-	9,628	-	227	-	10,026	-	19,881
Sub-total .....	-	-	9,628	-	227	10,879	10,026	-	30,760
Refinery raw material .....	-	-	17,516	8,726	-	66,730	25,664	-	118,636
Exports:									
U.S.A. Petroleum Administration:									
District II .....	...	...	...	...	30,106	136,318	-	...	166,424
IV .....	...	...	...	...	-	12,934	-	...	12,934
V .....	...	...	...	...	-	176,911	-	...	176,911
Other .....	...	...	...	...	-	4,167	2,923	...	7,090
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	1,876	...	...	1,876
Gas enrichment .....	...	...	...	...	...	229	...	...	229
Losses and adjustments .....	-	-	- 13,220	- 347	7,061	- 8,383	12,577	-	- 2,312
Plant uses .....	...	...	...	...	...	11,990	6,675	...	18,665
Returned to formation .....	...	...	...	...	...	-	...	...	-
Closing inventory .....	...	...	...	...	264,171	445,801	6,932	...	716,904
Total disposition .....	-	-	13,924	8,379	301,565	859,452	64,797	-	1,248,117

... Figures not appropriate or not applicable.





CATALOGUE No.

26-006

MONTHLY

# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 17, No. 10

Price: 20 cents, \$2.00 a year

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

OCTOBER 1965

The production of crude petroleum and equivalent hydrocarbon during October 1965 amounted to 27,248,304 barrels (878,978 barrels/day), an increase of 8.4 per cent or 68,097 barrels per day from October 1964. The October production figures for all petroleum liquids for the two years are as follows:

	October 1965		October 1964	
	millions of barrels	barrels per day	millions of barrels	barrels per day
Crude petroleum and condensates .....	24.9	803,226	23.0	741,936
Pentanes plus .....	2.3	74,193	2.1	67,742
Propanes and butanes .....	1.5	48,387	1.4	45,161
Totals .....	28.7	925,806	26.5	854,839

The disposition of crude and equivalent for October 1965 was 16.3 million barrels (59.7 per cent) to Canadian refineries and 9.1 million barrels (33.4 per cent) was exported. The difference of 6.9 per cent between supply and sales is accounted for by other disposition items. Imported crude petroleum for the same period amounted to 12.4 million barrels (401,767 barrels/day) bringing domestic requirements for crude petroleum and equivalent hydrocarbons to 28.7 million barrels (926,883 barrels/day).

Natural gas production increased 10.4 per cent to 119,782,518 Mcf. from 108,539,787 Mcf. in October 1964. The disposition of natural gas for October is as follows; 17.9 million was net deliveries to storage and injection operations, 17.9 million was used, lost or unaccounted for in fields and processing plants and 34.2 million was exported; 19.7 million was sold to ultimate customers in the prairies, 14.8 million in Ontario, 5.4 million in British Columbia and 2.5 million in Quebec. The remaining 7.4 million Mcf. was accounted for by other deliveries, pipeline fuel and line pack fluctuations.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus, propane and butane production. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian gallons at 60°F. Details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition end use.

Marketable gas is taken to include all natural gas purchased directly from fields or processing plants which meets the specifications required for domestic, commercial or industrial field use.

A companion publication "Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas in this report are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F.

In Tables 4 and 5, disposition items "Deliveries Petrochemical Plants, Distributors and Others" and "Refinery Material" are correlated to "Receipts from Gas Processing Plants", Table 3 and "Refinery Receipts of Propane/Butane/Mixes From Gas Processing Plants", Table 2, respectively in the companion publication "Refined Petroleum Products", Catalogue number 45-004.

Industry Division

March 1966  
6511-515

TABLE 1. Field and Plant Production of Liquid Hydrocarbons by Month, by Province, 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta (1)	British Columbia	Northwest Territories	Canada
Crude oil and condensate					barrels of 35 Canadian gallons			
January .....	299	94,485	398,597	7,102,112	17,860,267	1,005,456	49,674	26,510,890
February .....	298	89,230	357,046	6,382,912	15,537,605	903,469	70,825	23,341,385
March .....	377	110,932	403,181	7,329,287	16,240,006	1,056,504	56,106	25,196,393
April .....	252	113,025	395,927	6,863,354	14,479,919	1,068,193	45,113	22,965,783
May .....	310	114,823	416,316	7,243,155	13,486,964	1,088,311	26,349	22,376,228
June .....	330	106,029	416,692	7,093,827	13,743,368	1,088,453	50,283	22,498,982
July .....	348	108,913	434,602	7,473,542	14,703,239	1,167,208	74,771	23,962,623
August .....	356	103,806	435,157	7,690,245	17,581,217	1,178,210	75,856	27,064,867
September .....	429	106,442	417,208	7,408,009	17,313,652	1,170,604	71,205	26,487,549
October .....	369	109,343	431,992	7,787,251	15,328,311	1,223,905	53,557	24,934,728
November .....								
December .....								
Pentanes plus								
January .....	-	-	-	20,971	2,387,019	86,369	-	2,494,359
February .....	-	-	-	18,714	2,138,274	82,964	-	2,239,952
March .....	-	-	-	21,262	2,376,638	91,916	-	2,489,816
April .....	-	-	-	19,101	2,089,809	80,960	-	2,189,870
May .....	-	-	-	20,887	2,002,454	74,463	-	2,097,804
June .....	-	-	-	24,899	2,034,942	71,923	-	2,131,764
July .....	-	-	-	25,009	2,005,916	71,018	-	2,101,943
August .....	-	-	-	27,003	2,135,156	68,312	-	2,230,471
September .....	-	-	-	22,078	1,953,305	71,100	-	2,046,483
October .....	-	-	-	19,226	2,215,261	79,089	-	2,313,576
November .....	-	-	-				-	
December .....	-	-	-				-	
Propane								
January .....	-	-	-	54,729	807,465	39,263	-	901,457
February .....	-	-	-	49,686	748,340	30,206	-	828,232
March .....	-	-	-	58,700	808,050	30,333	-	897,083
April .....	-	-	-	53,881	759,170	25,443	-	838,494
May .....	-	-	-	57,499	662,601	24,890	-	744,990
June .....	-	-	-	59,919	706,343	24,349	-	790,611
July .....	-	-	-	56,402	753,201	28,138	-	837,741
August .....	-	-	-	57,019	804,136	32,062	-	893,217
September .....	-	-	-	50,999	809,247	31,184	-	891,430
October .....	-	-	-	55,462	855,570	30,468	-	941,500
November .....	-	-	-				-	
December .....	-	-	-				-	
Butanes								
January .....	-	-	-	27,128	559,473	41,762	-	628,363
February .....	-	-	-	24,216	506,391	37,863	-	568,470
March .....	-	-	-	28,285	533,559	38,343	-	600,187
April .....	-	-	-	25,409	485,743	35,351	-	546,503
May .....	-	-	-	28,074	445,501	35,722	-	509,297
June .....	-	-	-	30,367	459,468	38,410	-	528,245
July .....	-	-	-	31,424	472,243	36,873	-	540,540
August .....	-	-	-	31,727 <sup>†</sup>	504,236	43,831	-	579,794 <sup>†</sup>
September .....	-	-	-	25,616	484,436	45,046	-	555,098
October .....	-	-	-	27,652	505,157	40,759	-	573,568
November .....	-	-	-				-	
December .....	-	-	-				-	
Total October 1965 .....	369	109,343	431,992	7,889,591	18,904,299	1,374,221	53,557	28,763,372
Total year to date .....	3,368	1,057,028	4,106,718	73,427,038	190,283,672	12,418,723	573,739	281,870,286
Total October 1964 .....	254	101,977	408,626	7,208,418	17,651,621	1,068,295	48,605	26,487,796

(1) See footnote on pages 3 and 6.  
Revised figures.

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
<u>New supply</u>										
Domestic production:										
Crude oil .....	369	109,343	431,992	7,787,251	15,254,532 (1)	1,218,970	53,557	24,856,014	...	24,856,014
Condensate .....	-	-	-	-	73,779	4,935	-	78,714	...	78,714
Pentanes plus .....	-	-	-	19,226	2,215,261	79,089	-	2,313,576	...	2,313,576
Total crude oil and equivalent	369	109,343	431,992	7,806,477	17,543,572	1,302,994	53,557	27,248,304	...	27,248,304
Imports .....	...	...	...	...	...	...	...	...	12,667,601	12,667,601
Total new supply .....	369	109,343	431,992	7,806,477	17,543,572	1,302,994	53,557	27,248,304	12,667,601	39,915,905
<u>Disposition</u>										
Deliveries to refineries:										
Atlantic Provinces .....	369	-	-	-	-	-	-	369	3,465,161	3,465,530
Quebec .....	-	-	-	-	-	-	-	-	8,909,037	8,909,037
Ontario .....	-	109,343	407,964	3,887,498	3,983,612	-	-	8,388,417	8,469,009	8,469,009
Manitoba .....	-	-	28,440	718,590	452,197	-	-	1,199,227	-	1,199,227
Saskatchewan .....	-	-	-	216,200	1,133,844	-	-	1,350,044	-	1,350,044
Alberta .....	-	-	-	64,068	2,948,896	-	-	3,012,964	-	3,012,964
British Columbia .....	-	-	-	-	1,389,821	922,166	-	2,311,987	-	2,311,987
Northwest Territories .....	-	-	-	-	-	-	15,567	15,567	-	15,567
Totals .....	369	109,343	436,404	4,886,356	9,908,370	922,166	15,567	16,278,575	12,454,790	28,733,365
Exports to U.S.A.:										
Northwest Area:										
West of Rocky Mountains .....	-	-	-	-	3,710,008	286,061	-	3,996,069	-	3,996,069
East of Rocky Mountains .....	-	-	-	-	373,959	-	-	373,959	-	373,959
Great Lakes Area .....	-	-	-	2,272,047	2,454,478	-	-	4,726,525	-	4,726,525
Exports .....	-	-	-	2,272,047	6,538,445	286,061	-	9,096,553	-	9,096,553
Deliveries to other purchasers .....	-	-	-	2,308	4,306	-	-	6,614	-	6,614
Transporters:										
Opening - Field and plant .....	-	-	85,248	442,014	973,132	69,368	35,683	1,605,445	-	1,605,445
Transporters' .....	-	-	51,283	4,696,260	16,180,487	1,120,896	-	22,048,926	193,356	22,242,282
Closing - Field and plant .....	-	-	80,138	427,182	869,578	58,713	73,673	1,509,284	-	1,509,284
Transporters' .....	-	-	68,802	5,275,270	16,260,633	1,243,482	-	22,848,187	403,711	23,251,898
Net change .....	-	-	12,409	564,178	- 23,408	111,931	37,990	703,100	210,355	913,455
Pipeline fuel .....	-	-	-	-	25,222	-	-	25,222	-	25,222
Field and plant use .....	-	-	-	1,956	1,002,645 (1)	4,601	-	1,009,202	-	1,009,202
Losses and adjustments .....	-	-	- 16,821	79,632	87,992	- 21,765	-	129,038	2,456	131,494
Total disposition .....	369	109,343	431,992	7,806,477	17,543,572	1,302,994	53,557	27,248,304	12,667,601	39,915,905

(1) Includes 989,609 barrels returned to formation.

... Figures not appropriate or not applicable.

T Revised figure.



TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, October 1965

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	7,153	822,198	5,239,534
2	Less field flared and waste .....	-	-	1,465,047
3	Net new production (1 - 2) .....	7,153	822,198	3,774,487
	<u>Disposition</u>			
4	Field disposition and uses .....	160	-	198,913
5	Gathering system disposition and uses .....	-	-	2,572
6	Processing plant disposition and uses:	-	-	-
6a	Processing shrinkage .....	-	-	164,621
6b	Other disposition and uses .....	-	-	273,175
7	Field injection and storage:			
7a	Injected and stored .....	-	-	-
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	-
8	Other uses .....	-	-	213,128
9	Adjustment .....	-	-	- 24,526
10	Deliveries of marketable gas .....	6,993	822,198	2,946,604
11	Total disposition .....	7,153	822,198	3,774,487
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	1,877,820
12b	Fields .....	6,993	822,198	1,068,784
13	Total (12a + 12b) .....	6,993	822,198	2,946,604
14	Receipts from distributor storage .....	-	1,085,489	19,763
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	6,993	1,907,687	2,966,367
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	2,679
19	Saskatchewan .....	-	-	2,347,582
20	Manitoba .....	-	-	199,942
21	Ontario .....	-	1,437,401	-
22	Quebec .....	-	-	-
23	New Brunswick .....	4,139	-	-
24	Total sales (17 to 23 inclusive) .....	4,139	1,437,401	2,550,203
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	421,060
28	Pipeline line pack fluctuation .....	-	-	7,299
29	Pipeline fuel .....	-	26,280	69,670
30	Pipeline losses etc. ....	2,854	444,006	- 81,865
31	Total disposition of marketable gas (24 to 30 inclusive) .....	6,993	1,907,687	2,966,367

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, October 1965

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
104,775,650	16,094,238	47,674	126,986,447	-	126,986,447	1
4,804,859	888,788	45,235	7,203,929	-	7,203,929	2
99,970,791	15,205,450	2,439	119,782,518	-	119,782,518	3
212,904	332,878	-	744,855	-	744,855	4
564,363	-	-	566,935	-	566,935	5
9,501,761	482,879	-	10,149,261	-	10,149,261	6a
4,580,084	1,247,888	-	6,101,147	-	6,101,147	6b
16,580,307	158,617	-	16,738,924	-	16,738,924	7a
338,843	-	-	338,843	-	338,843	7b
16,241,464	158,617	-	16,400,081	-	16,400,081	7c
79,276	-	2,439	294,843	-	294,843	8
41,123	45,288	-	61,885	-	61,885	9
68,749,816	12,937,900	-	85,463,511	-	85,463,511	10
99,970,791	15,205,450	2,439	119,782,518	-	119,782,518	11
57,047,249	12,807,132	-	71,732,201	-	71,732,201	12a
11,702,567	130,768	-	13,731,310	-	13,731,310	12b
68,749,816	12,937,900	-	85,463,511	-	85,463,511	13
112,751	-	-	1,218,003	-	1,218,003	14
2,330	-	-	2,330	-	2,330	15
68,864,897	12,937,900	-	86,683,844	1,241,378	87,925,222	16
894,521	4,476,112	-	5,370,633	-	5,370,633	17
13,094,074	-	-	13,096,753	5,526	13,102,279	18
1,961,096	-	-	4,308,678	-	4,308,678	19
2,054,007	-	-	2,253,949	-	2,253,949	20
13,324,713	-	-	14,762,114	1,235,852	15,997,966	21
2,539,135	-	-	2,539,135	-	2,539,135	22
-	-	-	4,139	-	4,139	23
33,867,546	4,476,112	-	42,335,401	1,241,378	43,576,779	24
26,403,310	7,829,768	-	34,233,078	-	34,233,078	25
200,381	-	-	200,381	-	200,381	26
2,293,143	-	-	2,714,203	-	2,714,203	27
29,899	77,049	-	114,247	-	114,247	28
3,358,029	337,609	-	3,791,588	-	3,791,588	29
2,712,589	217,362	-	3,294,946	-	3,294,946	30
68,864,897	12,937,900	-	86,683,844	1,241,378	87,925,222	31

TABLE 4. Supply and Disposition of Gas Processing Plant Propane, October 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production .....	...	...	...	...	55,462	855,570 (1)	30,468	...	941,500
Opening inventory .....	...	...	...	...	206,749	626,464	10,752	...	843,965
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	-	19,431	...	-	-	-	19,431
Alberta .....	-	39,185	69,866	37,146	53,216	...	34,763	596	234,772
British Columbia .....	-	-	-	-	-	1,961	...	676	2,637
Deliveries .....	...	...	...	...	- 19,431	- 234,772	- 2,637	...	- 256,840
Total supply .....	-	39,185	69,866	56,577	295,996	1,249,223	73,346	1,272	1,785,465
<u>Disposition</u>									
Deliveries:									
Petrochemical plants .....	...	-	-	...	...	114,235	...	...	114,235
Distributor and other .....	...	39,185	69,866	56,577	53,237	146,808	45,294	1,272	412,239
Sub-total .....	-	39,185	69,866	56,577	53,237	261,043	45,294	1,272	526,474
Refinery raw material .....	-	-	-	-	-	-	9,734	-	9,734
Exports:									
U.S.A. Petroleum Administration:									
District II .....	...	...	...	...	60,879	203,611	-	...	264,490
IV .....	...	...	...	...	-	30,801	-	...	30,801
V .....	...	...	...	...	-	60,648	473	...	61,121
Other .....	...	...	...	...	-	10,393	4,929	...	15,322
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	101,748 (1)	...	...	101,748
Gas enrichment .....	...	...	...	...	...	-	...	...	-
Losses and adjustments .....	-	-	-	-	6,773	5,804	2,761	...	15,338
Plant uses .....	...	...	...	...	413	1,495	1,977	...	3,885
Returned to formation .....	...	...	...	...	...	3,392	...	...	3,392
Closing inventory .....	...	...	...	...	174,694	570,288	8,178	...	753,160
Total disposition .....	-	39,185	69,866	56,577	295,996	1,249,223	73,346	1,272	1,785,465

(1) Includes 48,929 barrels of L.P.G. mixes.  
 ... Figures not appropriate or not applicable.

TABLE 5. Supply and Disposition of Gas Processing Plant Butanes, October 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
	barrels of 35 Canadian gallons								
<u>Supply</u>									
Production .....	...	...	...	...	27,652	505,157	40,759	...	573,568
Opening inventory .....	...	...	...	...	264,171	445,801	6,932	...	716,904
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	-	-	-	-	-	-	-
Alberta .....	-	-	50,946	10,089	- 371	...	5,038	-	65,702
British Columbia .....	-	-	-	-	-	129	...	-	129
Deliveries .....	...	...	...	...	...	- 65,702	- 129	...	- 65,831
Total supply .....	-	-	50,946	10,089	291,452	885,385	52,600	-	1,290,472
<u>Disposition</u>									
Deliveries:									
Petrochemical plants .....	...	-	-	...	...	4,156	...	...	4,156
Distributor and other .....	-	-	9,477	-	496	-	4,916	-	14,889
Sub-total .....	-	-	9,477	-	496	4,156	4,916	-	19,045
Refinery raw material .....	-	-	53,401	10,144	-	8,258	21,619	-	93,422
Exports:									
U.S.A. Petroleum Administration:									
District II .....	...	...	...	...	55,946	127,341	-	...	183,287
IV .....	...	...	...	...	-	21,488	-	...	21,488
V .....	...	...	...	...	-	195,794	4,598	...	200,392
Other .....	...	...	...	...	-	11,290	-	...	11,290
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	2,527	...	...	2,527
Gas enrichment .....	...	...	...	...	...	263	...	...	263
Losses and adjustments .....	-	-	- 11,932	- 55	7,127	89,938(1)	10,603	-	95,681
Plant uses .....	...	...	...	...	-	636	5,094	...	5,730
Returned to formation .....	...	...	...	...	...	-	...	...	-
Closing inventory .....	...	...	...	...	227,883	423,694	5,770	...	657,347
Total disposition .....	-	-	50,946	10,089	291,452	885,385	52,600	-	1,290,472

(1) To be revised when amendments received from Conservation Board.

... Figures not appropriate or not applicable.





Canada. Statistics, Bureau of  
DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

MAY 3 1966

Vol. 17, No. 11

Price: 20 cents, \$2.00 a year

CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

NOVEMBER 1965

The production of crude petroleum and equivalent hydrocarbon during November 1965 amounted to 27,246,238 barrels (908,208 barrels/day), an increase of 7.4 per cent or 62,651 barrels per day from November 1964. The production figures for all petroleum liquids for the two years are as follows:

	November 1965		November 1964	
	millions of barrels	barrels per day	millions of barrels	barrels per day
Crude petroleum and condensates .....	24.8	826,667	23.3	776,667
Pentanes plus .....	2.4	80,000	2.0	66,667
Propanes and butanes .....	1.6	53,333	1.4	46,666
Totals .....	28.8	960,000	26.7	890,000

The disposition of crude and equivalent for November 1965 was 17.0 million barrels (62.5 per cent) to Canadian refineries and 9.5 million barrels (34.9 per cent) was exported. The difference of 2.6 per cent between supply and sales is accounted for by other disposition items. Imported crude petroleum for the same period amounted to 12.9 million barrels (430,696 barrels/day) bringing domestic requirements for crude petroleum and equivalent hydrocarbons to 29.9 million barrels (998,332 barrels/day).

Natural gas production increased 10.5 per cent to 130,283,356 Mcf. from 117,862,904 Mcf. in November 1964. The disposition of natural gas for November is as follows; 14.0 million was net deliveries to storage and injection operations, 18.5 million was used, lost or unaccounted for in fields and processing plants and 35.6 million was exported; 23.5 million was sold to ultimate customers in the prairies, 16.6 million in Ontario, 6.0 million in British Columbia and 3.0 million in Quebec. The remaining 13.1 million Mcf. was accounted for by other deliveries, pipeline fuel losses and line pack fluctuations.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus, propane and butane production. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Table 2 Supply and Disposition of Crude Oil and Equivalent. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001.

All volumes of crude oil are given in barrels of 35 Canadian gallons at 60°F. Details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition end use.

Marketable gas is taken to include all natural gas purchased directly from fields or processing plants which meets the specifications required for domestic, commercial or industrial field use.

A companion publication "Gas Utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

All volumes of natural gas in this report are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F.

In Tables 4 and 5, disposition items "Deliveries Petrochemical Plants, Distributors and Others" and "Refinery Material" are correlated to "Receipts from Gas Processing Plants", Table 3 and "Refinery Receipts of Propane/Butane/Mixes From Gas Processing Plants", Table 2, respectively in the companion publication "Refined Petroleum Products", Catalogue number 45-004.

Industry Division

April 1966  
6503-515

TABLE 1. Field and Plant Production of Liquid Hydrocarbons by Month, by Province, 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta(1)	British Columbia	Northwest Territories	Canada
				barrels of 35 Canadian gallons				
<u>Crude oil and condensate</u>								
January .....	299	94,485	398,597	7,102,112	17,860,267	1,005,456	49,674	26,510,890
February .....	298	89,230	357,046	6,382,912	15,537,605	903,469	70,825	23,341,385
March .....	377	110,932	403,181	7,329,287	16,240,006	1,056,504	56,106	25,196,393
April .....	252	113,025	395,927	6,863,354	14,479,919	1,068,193	45,113	22,965,783
May .....	310	114,823	416,316	7,243,155	13,486,964	1,088,311	26,349	22,376,228
June .....	330	106,029	416,692	7,093,827	13,743,368	1,088,453	50,283	22,498,982
July .....	348	108,913	434,602	7,473,542	14,703,239	1,167,208	74,771	23,962,623
August .....	356	103,806	435,157	7,690,245	17,581,237	1,178,210	75,856	27,064,867
September .....	429	106,442	417,208	7,408,009	17,313,652	1,170,604	71,205	26,487,549
October .....	369	109,343	431,992	7,787,251	15,328,311	1,223,905	53,557	24,934,728
November .....	411	107,347	410,983	7,463,179	15,558,513	1,221,383	38,600	24,800,416
December .....								
<u>Pentananes plus</u>								
January .....	-	-	-	20,971	2,387,019	86,369	-	2,494,359
February .....	-	-	-	18,714	2,138,274	82,964	-	2,239,952
March .....	-	-	-	21,262	2,376,638	91,916	-	2,489,816
April .....	-	-	-	19,101	2,089,809	80,960	-	2,189,870
May .....	-	-	-	20,887	2,002,454	74,463	-	2,097,804
June .....	-	-	-	24,899	2,034,942	71,923	-	2,131,764
July .....	-	-	-	25,009	2,005,916	71,018	-	2,101,943
August .....	-	-	-	27,003	2,135,156	68,312	-	2,230,471
September .....	-	-	-	22,078	1,953,305	71,100	-	2,046,483
October .....	-	-	-	19,226	2,215,261	79,089	-	2,313,576
November .....	-	-	-	18,130	2,553,748	73,944	-	2,445,822
December .....	-	-	-				-	
<u>Propane</u>								
January .....	-	-	-	54,729	807,465	39,263	-	901,457
February .....	-	-	-	49,686	748,340	30,206	-	828,232
March .....	-	-	-	58,700	808,050	30,333	-	897,083
April .....	-	-	-	53,881	759,170	25,443	-	838,494
May .....	-	-	-	57,499	662,601	24,890	-	744,990
June .....	-	-	-	59,919	706,343	24,349	-	790,611
July .....	-	-	-	56,402	753,201	28,138	-	837,741
August .....	-	-	-	57,019	804,136	32,062	-	893,217
September .....	-	-	-	50,999	809,247	31,184	-	891,430
October .....	-	-	-	55,462	855,570	30,468	-	941,500
November .....	-	-	-	59,732	891,410	27,720	-	978,862
December .....	-	-	-				-	
<u>Butanes</u>								
January .....	-	-	-	27,128	559,473	41,762	-	628,363
February .....	-	-	-	24,216	506,391	37,863	-	568,470
March .....	-	-	-	28,285	533,559	38,343	-	600,187
April .....	-	-	-	25,409	485,743	35,351	-	546,503
May .....	-	-	-	28,074	445,501	35,722	-	509,297
June .....	-	-	-	30,367	459,468	38,410	-	528,245
July .....	-	-	-	31,424	472,243	36,873	-	540,540
August .....	-	-	-	31,727	504,236	43,831	-	579,794
September .....	-	-	-	25,616	484,436	45,046	-	555,098
October .....	-	-	-	27,652	505,157	40,759	-	573,568
November .....	-	-	-	29,332	570,292	45,818	-	645,442
December .....	-	-	-				-	
Total November 1965 .....	411	107,347	410,983	7,570,373	19,373,963	1,368,865	38,600	28,870,542
Total year to date .....	3,779	1,164,375	4,517,701	80,997,411	209,657,635	13,787,588	612,339	310,740,828
Total November 1964 .....	334	95,488	399,113	7,063,152	18,114,524	1,034,228	31,844	26,738,683

(1) See footnote on page 3.

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, November 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
<u>New supply</u>										
Domestic production:										
Crude oil .....	411	107,347	410,983	7,463,179	15,541,543 (1)	1,216,456	38,600	24,778,519	...	24,778,519
Condensate .....	-	-	-	-	16,970	4,927	-	21,897	...	21,897
Pentanes plus .....	-	-	-	18,130	2,359,748	73,944	-	2,445,822	...	2,445,822
Total crude oil and equivalent	411	107,347	410,983	7,481,309	17,912,261	1,295,327	38,600	27,246,238	...	27,246,238
Imports .....	...	...	...	...	...	...	...	...	12,957,009	12,957,009
Total new supply .....	411	107,347	410,983	7,481,309	17,912,261	1,295,327	38,600	27,246,238	12,957,009	40,203,247
<u>Disposition</u>										
Deliveries to refineries:										
Atlantic Provinces .....	411	-	-	-	-	-	-	411	3,417,840	3,417,840
Quebec .....	-	-	-	-	-	-	-	-	9,503,050	9,503,050
Ontario .....	-	107,347	373,369	4,182,356	4,391,279	-	-	9,054,351	-	9,054,351
Manitoba .....	-	-	27,065	627,841	509,570	-	-	1,164,476	-	1,164,476
Saskatchewan .....	-	-	-	278,689	1,575,031	-	-	1,853,720	-	1,853,720
Alberta .....	-	-	-	51,955	2,666,329	-	-	2,718,284	-	2,718,284
British Columbia .....	-	-	-	-	1,471,024	736,096	-	2,207,120	-	2,207,120
Northwest Territories .....	-	-	-	-	-	-	30,720	30,720	-	30,720
Totals .....	411	107,347	400,434	5,140,841	10,613,233	736,096	30,720	17,029,082	12,920,890	29,949,972
Exports to U.S.A.:										
Northwest Area:	-	-	-	-	-	-	-	-	-	-
West of Rocky Mountains .....	-	-	-	-	4,032,345	505,477	-	4,537,822	-	4,537,822
East of Rocky Mountains .....	-	-	-	-	456,799	-	-	456,799	-	456,799
Great Lakes Area .....	-	-	-	2,472,158	2,041,138	-	-	4,513,296	-	4,513,296
Totals .....	-	-	-	2,472,158	6,530,282	505,477	-	9,507,917	-	9,507,917
Deliveries to other purchasers ..										
Inventories:	-	-	-	1,928	3,556	-	-	5,484	-	5,484
Opening - Field and plant .....	-	-	80,138	427,182	869,578	58,713	73,673	1,509,284	-	1,509,284
Transporters' .....	-	-	68,802	5,275,270	16,260,633	1,243,482	-	22,848,187	403,711	23,251,898
Closing - Field and plant .....	-	-	86,295	429,821	871,341	67,585	81,553	1,536,595	-	1,536,595
Transporters' .....	-	-	85,242	5,088,746	15,708,387	1,279,651	-	22,162,026	437,107	22,599,133
Net change .....	-	-	22,597	- 183,885	- 550,483	45,041	7,880	- 658,850	33,396	- 625,454
Pipeline fuel .....	-	-	-	-	21,945	-	-	21,945	-	21,945
Field and plant use .....	-	-	-	1,564	1,305,340 (1)	4,790	-	1,311,694	-	1,311,694
Losses and adjustments .....	-	-	- 12,048	48,703	- 11,612	3,923	-	28,966	2,723	31,689
Total disposition .....	411	107,347	410,983	7,481,309	17,912,261	1,295,327	38,600	27,246,238	12,957,009	40,203,247

(1) Includes 1,290,389 barrels returned to formation.

... Figures not appropriate or not applicable.



TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, November 1965

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	8,263	752,622	5,083,823
2	Less field flared and waste .....	-	-	1,306,891
3	Net new production (1 - 2) .....	8,263	752,622	3,776,932
	<u>Disposition</u>			
4	Field disposition and uses .....	185	-	160,488
5	Gathering system disposition and uses .....	-	-	14,988
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	171,252
6b	Other disposition and uses .....	-	-	232,165
7	Field injection and storage:			
7a	Injected and stored .....	-	-	-
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	-
8	Other uses .....	-	-	235,243
9	Adjustment .....	-	-	- 57,915
10	Deliveries of marketable gas .....	8,078	752,622	3,020,711
11	Total disposition .....	8,263	752,622	3,776,932
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	1,923,549
12b	Fields .....	8,078	752,622	1,097,162
13	Total (12a + 12b) .....	8,078	752,622	3,020,711
14	Receipts from distributor storage .....	-	2,619,488	463,477
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	8,078	3,372,110	3,484,188
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	1,513,804
20	Manitoba .....	-	-	212,063
21	Ontario .....	-	2,768,899	-
22	Québec .....	-	-	-
23	New Brunswick .....	4,901	-	-
24	Total sales (17 to 23 inclusive) .....	4,901	2,768,899	1,725,867
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	109,654
28	Pipeline line pack fluctuation .....	-	-	2,511
29	Pipeline fuel .....	-	17,579	121,819
30	Pipeline losses etc. ....	3,177	585,632	1,524,337
31	Total disposition of marketable gas (24 to 30 inclusive) .....	8,078	3,372,110	3,484,188

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, November 1965

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
113,924,630	16,494,209	31,761	136,295,308	-	136,295,308	1
4,197,603	479,264	28,194	6,011,952	-	6,011,952	2
109,727,027	16,014,945	3,567	130,283,356	-	130,283,356	3
928,367	159,861	-	1,248,901	-	1,248,901	4
1,031,028	-	-	1,046,016	-	1,046,016	5
10,014,330	415,253	-	10,600,835	-	10,600,835	6a
5,310,112	1,477,252	-	7,019,529	-	7,019,529	6b
16,578,893	472,772	-	17,051,665	-	17,051,665	7a
348,058	-	-	348,058	-	348,058	7b
16,230,835	472,772	-	16,703,607	-	16,703,607	7c
90,016	-	3,567	328,826	-	328,826	8
- 1,809,265	151,840	-	- 1,715,340	-	- 1,715,340	9
77,931,604	13,337,967	-	95,050,982	-	95,050,982	10
109,727,027	16,014,945	3,567	130,283,356	-	130,283,356	11
60,926,945	13,138,570	-	75,989,064	-	75,989,064	12a
17,004,659	199,397	-	19,061,918	-	19,061,918	12b
77,931,604	13,337,967	-	95,050,982	-	95,050,982	13
480,719	-	-	3,563,684	-	3,563,684	14
5,095	-	-	5,095	-	5,095	15
78,417,418	13,337,967	-	98,619,761	3,544,449	102,164,210	16
880,014	5,078,979	-	5,958,993	-	5,958,993	17
15,669,217	-	-	15,669,217	11,189	15,680,406	18
3,266,649	-	-	4,780,453	-	4,780,453	19
2,833,010	-	-	3,045,073	-	3,045,073	20
13,800,831	-	-	16,569,730	3,533,260	20,102,990	21
3,008,696	-	-	3,008,696	-	3,008,696	22
-	-	-	4,901	-	4,901	23
39,458,417	5,078,979	-	49,037,063	3,544,449	52,581,512	24
27,993,360	7,560,930	-	35,554,290	-	35,554,290	25
246,815	-	-	246,815	-	246,815	26
759,525	-	-	869,179	-	869,179	27
292,936	8,820	-	304,267	-	304,267	28
3,535,493	390,984	-	4,065,875	-	4,065,875	29
6,130,872	298,254	-	8,542,272	-	8,542,272	30
78,417,418	13,337,967	-	98,619,761	3,544,449	102,164,210	31

TABLE 4. Supply and Disposition of Gas Processing Plant Propane, November 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production .....	...	...	...	...	59,732	891,410	27,720	...	978,862
Opening inventory .....	...	...	...	...	174,694	570,288	8,178	...	753,160
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	-	39,038	...	-	-	-	39,038
Alberta .....	-	60,155	113,462	48,238	75,611	...	44,778	-	342,244
British Columbia .....	-	-	-	-	-	1,604	...	605	2,209
Deliveries .....	...	...	...	...	- 39,038	- 342,244	- 2,209	...	- 383,491
Total supply .....	-	60,155	113,462	87,276	270,999	1,121,058	78,467	605	1,732,022
<u>Disposition</u>									
Deliveries:									
Petrochemical plants .....	...	-	-	...	...	115,452	...	...	115,452
Distributor and other .....	-	60,155	113,462	87,276	76,254	168,169	54,118	605	560,039
Sub-total .....	-	60,155	113,462	87,276	76,254	283,621	54,118	605	675,491
Refinery raw material .....	-	-	-	-	-	-	11,807	-	11,807
Exports:									
U.S.A. Petroleum Administration:									
District II .....	...	...	...	...	76,676	182,225	-	...	258,901
IV .....	...	...	...	...	-	33,376	-	...	33,376
V .....	...	...	...	...	-	76,686	294	...	76,980
Other .....	...	...	...	...	-	23,643	1,190	...	24,833
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	27,424	...	...	27,424
Gas enrichment .....	...	...	...	...	...	-	...	...	-
Losses and adjustments .....	-	-	-	-	528	3,370	3,389	-	7,287
Plant uses .....	...	...	...	...	371	1,732	648	...	2,751
Returned to formation .....	...	...	...	...	...	-	...	...	-
Closing inventory .....	...	...	...	...	117,170	488,981	7,021	...	613,172
Total disposition .....	-	60,155	113,462	87,276	270,999	1,121,058	78,467	605	1,732,022

... Figures not appropriate or not applicable.

TABLE 5. Supply and Disposition of Gas Processing Plant Butanes, November 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production .....	...	...	...	...	29,332	570,292	45,818	...	645,442
Opening inventory .....	...	...	...	...	227,883	423,694	5,770	...	657,347
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	-	18,357	2,332	-	-	-	-
Alberta .....	-	-	44,465	-	-	...	4,080	-	69,234
British Columbia .....	-	-	-	-	-	-	...	-	-
Deliveries .....	...	...	...	...	-	- 69,234	-	...	- 69,234
Total supply .....	-	-	44,465	18,357	259,547	924,752	55,668	-	1,302,789
<u>Disposition</u>									
Deliveries:									
Petroleum plants .....	...	-	-	...	...	11,123	11,866	...	11,123
Distributor and other .....	-	-	9,158	-	-	-	-	-	21,024
Stocks .....	-	-	9,158	-	-	11,123	11,866	-	32,147
Refinery raw material .....	-	-	40,089	17,951	-	90,283	25,810	-	174,133
Exports:									
U.S.A. Petroleum Administration:									
District II .....	...	...	...	...	63,973	162,127	-	...	226,100
IV .....	...	...	...	...	-	28,793	-	...	28,793
V .....	...	...	- 4,782	406	-	259,432	623	...	260,055
Other .....	...	...	...	...	-	10,581	643	...	11,224
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	-	...	...	-
Gas enrichment .....	...	...	...	...	...	2,040	...	...	2,040
Losses and adjustments .....	-	-	-	406	932	- 28,204	8,387	-	- 23,261
Plant uses .....	...	...	...	...	...	-	1,578	...	1,578
Returned to formation .....	...	...	...	...	...	-	...	...	-
Closing inventory .....	...	...	...	...	194,642	388,577	6,761	...	589,980
Total disposition .....	-	-	44,465	18,357	259,547	924,752	55,668	-	1,302,789

... Figures not appropriate or not applicable.





# DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

Vol. 17, No. 12

Price: 20 cents, \$2.00 a year

## CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

DECEMBER 1965

For the twelve-month period January to December 1965 crude petroleum and equivalent hydrocarbon production totalled 324,283,103 barrels compared with 299,858,341 barrels in 1964, an increase of 8.1 per cent. Pentanes plus in 1965 amounted to 27,285,989 barrels from 24,494,472 barrels last year, up 11.4 per cent. Production of crude petroleum and equivalent hydrocarbons during December 1965 amounted to 28,723,836 barrels (926,575 barrels/day), an increase of 5.8 per cent or 50,453 barrels per day from December 1964. The production figures for all petroleum liquids for the two years are as follows:

	December 1965		December 1964		Year 1965		Year 1964(1)	
	millions of barrels	barrels per day	millions of barrels	barrels per day	millions of barrels	barrels per day	millions of barrels	barrels per day
Crude petroleum and con- densates .....	26.2	845,161	24.8	800,000	297.0	813,698	275.4	752,459
Pentanes plus .....	2.5	80,645	2.4	77,419	27.3	74,795	24.5	66,940
Propanes and butanes ...	1.7	54,839	1.4	45,161	17.3	47,397	13.3	36,338
Totals .....	30.4	980,645	28.6	922,580	341.6	935,890	313.2	855,737

(1) 1964 leap year - 366 days.

The disposition of crude oil and equivalent for December 1965 was 17.7 million barrels (61.8 per cent) to Canadian refineries and 9.1 million barrels (31.6 per cent) was exported. The difference of 6.6 per cent between supply and sales is accounted for by other disposition items. Imported crude petroleum for the same period amounted to 12.5 million barrels (404,487 barrels/day) bringing domestic requirements for crude petroleum and equivalent hydrocarbons to 30.3 million barrels (976,745 barrels/day).

Natural gas production for the period January to December 1965 increased 9.5 per cent to 1,442,448,070 Mcf. from 1,317,717,600 Mcf. in 1964. The December production of natural gas totalled 143,450,010 Mcf., 0.3 per cent less than the previous year. The disposition of natural gas for December is as follows; 14.2 million Mcf. were net deliveries to storage and injection operations, 22.2 million Mcf. were used, lost or unaccounted for in fields and processing plants and 37.5 million Mcf. were exported; 29.8 million Mcf. were sold to ultimate customers in the prairies, 19.8 million in Ontario, 7.5 million in British Columbia and 3.1 million in Quebec. The remaining 9.3 million Mcf. were accounted for by other deliveries, pipeline fuel, losses and line pack fluctuations.

All volumes are given in barrels of 35 Canadian gallons at 60°F. while all volumes of natural gas in this report are given in thousand cubic feet measured at 14.73 p.s.i.a. at 60°F.

Table 1 includes all crude oil and equivalent hydrocarbon production of condensates and pentanes plus, propane and butane production. Pentanes plus represent the production of crude oil equivalent at processing plants while crude oil production is production in the fields.

Industry Division

August 1966  
6503-515

Table 1A includes production of natural gas by month and by province for 1965.

Table 2 Supply and Disposition of Crude Oil and Equivalent. Disposition is given to the first stage of marketing, either directly as deliveries to refineries or export. The companion publication "Refined Petroleum Products" gives the disposition of crude oil received by the refinery including the sales of various refined petroleum products. Inventories held by purchasers and refiners in field and pipeline are included in Table 2, while inventories held by refiners in a refinery complex are excluded. Details on the movement of crude oil by pipeline are given in another companion report "Oil Pipeline Transport", Catalogue number 55-001. Details of production are published by the individual provinces.

In Table 3, disposition is given to the ultimate delivery by the gas utilities. Deliveries of natural gas to storage are considered as terminated, and therefore receipts from storage originate in the province where the storage is located. Field flared and waste gas are not considered as net new production; however, processing plant flared and waste gas are included and constitute a disposition end use.

Marketable gas is taken to include all natural gas purchased directly from fields or processing plants which meets the specifications required for domestic, commercial or industrial field use.

A companion publication "Gas utilities", Catalogue number 55-002 provides additional details on the movement and sales of natural gas, while a second companion report, "Sales of Manufactured and Natural Gas", Catalogue number 45-005 provides details on the sales and revenues by rate categories.

In Tables 4 and 5, disposition items "Deliveries Petrochemical Plants, Distributors and Others" and "Refinery Material" are correlated to "Receipts from Gas Processing Plants", Table 3 and "Refinery Receipts of Propanand/Butane/Mixes From Gas Processing Plants", Table 2, respectively in the companion publication "Refined Petroleum Products", Catalogue number 45-004.

Propane and Butane statistics (Tables 4 and 5) were not given separately until June 1965. Therefore, January to May data are included on pages 10 to 19.

TABLE 1. Field and Plant Production of Liquid Hydrocarbons by Month, by Province, 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta(1)	British Columbia	Northwest Territories	Canada(1)
barrels of 35 Canadian gallons								
<u>Crude oil and condensate</u>								
January .....	299	94,485	398,597	7,102,112	17,860,267	1,005,456	49,674	26,510,890
February .....	298	89,230	357,046	6,382,912	15,527,885	903,469	70,825	23,331,665
March .....	377	110,932	403,181	7,329,287	16,249,322	1,058,458	56,106	25,207,663
April .....	252	113,025	395,927	6,863,354	14,480,323	1,068,093	45,113	22,966,087
May .....	310	114,823	416,316	7,243,155	13,486,136	1,087,781	26,349	22,374,870
June .....	330	106,029	416,692	7,093,827	14,020,738	1,088,983	50,283	22,776,882
July .....	348	108,913	434,602	7,473,542	15,058,840	1,169,668	74,771	24,320,684
August .....	356	103,806	435,157	7,690,245	17,567,202	1,178,210	75,856	27,050,832
September .....	429	106,684	411,208	7,408,009	17,327,687	1,170,604	71,205	26,501,826
October .....	369	109,343	431,992	7,787,251	15,328,281	1,223,917	53,557	24,934,710
November .....	411	107,347	410,983	7,463,179	15,558,668	1,221,452	38,600	24,800,640
December .....	324	114,704	428,808	7,938,332	16,379,090	1,326,448	32,659	26,220,365
Totals .....	4,103	1,279,321	4,946,509	87,775,205	188,844,439	13,502,539	644,998	296,997,114
<u>Pentanes plus</u>								
January .....	-	-	-	20,971	2,387,019	87,027	-	2,495,017
February .....	-	-	-	18,714	2,138,274	82,964	-	2,239,952
March .....	-	-	-	21,262	2,376,638	91,916	-	2,489,816
April .....	-	-	-	19,101	2,089,809	80,960	-	2,189,870
May .....	-	-	-	20,887	2,002,454	74,463	-	2,097,804
June .....	-	-	-	24,899	2,034,942	71,923	-	2,131,764
July .....	-	-	-	25,009	2,005,916	71,018	-	2,101,943
August .....	-	-	-	27,003	2,135,156	68,312	-	2,230,471
September .....	-	-	-	22,078	1,953,305	71,100	-	2,046,483
October .....	-	-	-	19,226	2,215,261	79,089	-	2,313,576
November .....	-	-	-	18,130	2,353,748	73,944	-	2,445,822
December .....	-	-	-	15,456	2,393,302	94,713	-	2,503,471
Totals .....	-	-	-	252,736	26,085,824	947,429	-	27,285,989
<u>Propane</u>								
January .....	-	-	-	54,729	807,465	39,263	-	901,457
February .....	-	-	-	49,686	748,340	30,206	-	828,232
March .....	-	-	-	58,700	808,050	30,333	-	897,083
April .....	-	-	-	53,881	759,170	25,443	-	838,494
May .....	-	-	-	57,499	662,601	24,890	-	744,990
June .....	-	-	-	59,919	683,479	24,349	-	767,747
July .....	-	-	-	56,402	704,874	28,138	-	789,414
August .....	-	-	-	57,019	756,750	32,062	-	845,831
September .....	-	-	-	50,999	774,835	31,184	-	857,018
October .....	-	-	-	55,462	806,641	30,468	-	892,571
November .....	-	-	-	59,732	891,410	27,720	-	978,862
December .....	-	-	-	61,660	933,177	34,720	-	1,029,557
Totals .....	-	-	-	675,688	9,336,792	358,776	-	10,371,256

(1) As of June 1965 includes returned to formation. (4,688,770 barrels for the year).



TABLE 1. Field and Plant Production of Liquid Hydrocarbons by Month, by Province, 1965 - Concluded

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta (1)	British Columbia	Northwest Territories	Canada (1)
<u>Butanes</u>								
January	-	-	-	27,128	559,473	41,762	-	628,363
February	-	-	-	24,216	506,391	37,863	-	568,470
March	-	-	-	28,285	533,559	38,343	-	600,187
April	-	-	-	25,409	485,743	33,717	-	544,869
May	-	-	-	28,074	445,501	34,886	-	508,461
June	-	-	-	30,367	459,468	34,201	-	524,036
July	-	-	-	31,424	472,243	36,873	-	540,540
August	-	-	-	31,727	504,236	43,831	-	579,794
September	-	-	-	25,616	484,436	45,046	-	555,098
October	-	-	-	27,652	505,157	40,759	-	573,568
November	-	-	-	29,332	570,292	45,818	-	645,442
December	-	-	-	29,168	614,946	44,891	-	689,005
Totals	-	-	-	338,398	6,141,445	477,990	-	6,957,833
<u>Total liquid hydrocarbons</u>								
January	299	94,485	398,597	7,204,940	21,614,224	1,173,508	49,674	30,535,727
February	298	89,230	357,046	6,475,528	18,920,890	1,034,502	70,825	26,968,319
March	377	110,932	403,181	7,437,534	19,967,569	1,219,050	56,106	29,194,749
April	252	113,025	395,927	6,961,745	17,815,045	1,208,213	45,113	26,539,320
May	310	114,823	416,316	7,349,615	16,596,692	1,222,020	26,349	25,726,125
June	330	106,029	416,692	7,209,012	17,198,627	1,219,456	50,283	26,200,429
July	348	108,913	434,602	7,386,377	18,241,873	1,305,697	74,771	27,752,581
August	356	103,806	435,157	7,805,994	20,963,344	1,322,415	75,856	30,706,928
September	429	106,684	417,208	7,506,702	20,540,263	1,317,934	71,205	29,960,425
October	369	109,343	431,992	7,889,591	18,855,340	1,374,233	53,557	28,714,425
November	411	107,347	410,983	7,570,373	19,374,118	1,368,934	38,600	28,870,766
December	324	114,704	428,808	8,044,616	20,320,515	1,500,772	32,659	30,442,398
Total year 1965	4,103	1,279,321	4,946,509	89,042,027	230,408,500	15,286,734	644,998	341,612,192

TABLE 1A. Production of Natural Gas, by Month, by Province, Year 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
					Mcf.			
January .....	12,352	1,470,195	-	3,945,106	116,876,133	15,189,503	4,479	137,497,768
February .....	12,354	1,296,038	-	3,570,110	102,242,991	13,444,170	6,120	122,571,803
March .....	12,454	1,439,703	-	4,006,656	112,583,159	14,335,663	5,329	132,382,964
April .....	9,491	1,225,190	-	3,756,465	99,466,938	12,441,466	6,063	116,903,613
May .....	7,617	994,208	-	3,421,711	98,699,907	11,416,840	3,546	114,543,829
June .....	6,479	888,849	-	2,812,639	93,149,354	9,778,783	1,018	106,637,122
July .....	6,255	625,422	-	2,742,768	85,848,256	10,232,150	772	99,455,623
August .....	6,265	755,140	-	3,006,408	93,477,877	11,417,700	1,315	108,664,705
September .....	6,603	796,165	-	3,325,635	93,363,541	12,753,059	3,144	110,248,747
October .....	7,261	822,198	-	3,774,487	99,970,791	15,205,462	2,439	119,782,638
November .....	8,363	752,622	-	3,796,277	109,727,027	16,019,392	3,567	130,307,248
December .....	9,865	1,553,517	-	4,610,639	118,420,605	18,850,108	5,276	143,450,010
Totals .....	105,359	12,619,867	-	42,768,901	1,225,826,579	161,084,296	43,068	1,442,448,070

TABLE 2. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, December 1965

	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
<u>New supply</u>										
Domestic production:										
Crude oil .....	324	114,704	428,808	7,938,332	16,318,503(1)	1,321,606	32,659	26,154,936	...	26,154,936
Condensate .....	-	-	-	-	60,587	4,842	-	65,429	...	65,429
Pentanes plus .....	-	-	-	15,456	2,393,302	94,713	-	2,503,471	...	2,503,471
Total crude oil and equivalent	324	114,704	428,808	7,953,788	18,772,392	1,421,161	32,659	28,723,836	...	28,723,836
Imports .....	...	...	...	...	...	...	...	...	12,494,600	12,494,600
Total new supply .....	324	114,704	428,808	7,953,788	18,772,392	1,421,161	32,659	28,723,836	12,494,600	41,218,436
<u>Disposition</u>										
Deliveries to refineries:										
Atlantic Provinces .....	324	-	-	-	-	-	-	324	2,953,919	2,954,243
Quebec .....	-	-	-	-	-	-	-	-	9,585,187	9,585,187
Ontario .....	-	114,704	492,557	4,336,350	4,654,010	-	-	9,597,621	-	9,597,621
Manitoba .....	-	-	24,558	731,892	475,253	-	-	1,231,703	-	1,231,703
Saskatchewan .....	-	-	-	207,327	1,669,131	-	-	1,876,458	-	1,876,458
Alberta .....	-	-	-	53,970	2,908,373	-	-	2,962,343	-	2,962,343
British Columbia .....	-	-	-	-	1,328,781	680,999	-	2,009,780	-	2,009,780
Northwest Territories .....	-	-	-	-	-	-	61,771	61,771	-	61,771
Totals .....	324	114,704	517,115	5,329,539	11,035,548	680,999	61,771	17,740,000	12,539,106	30,279,106
Exports to U.S.A.:										
Northwest Area:	-	-	-	-	-	-	-	-	-	-
West of Rocky Mountains .....	-	-	-	-	3,155,384	455,283	-	3,610,667	-	3,610,667
East of Rocky Mountains .....	-	-	-	-	449,290	-	-	449,290	-	449,290
Great Lakes Area .....	-	-	-	2,644,074	2,377,262	-	-	5,021,336	-	5,021,336
Totals .....	-	-	-	2,644,074	5,981,936	455,283	-	9,081,293	-	9,081,293
Deliveries to other purchasers ..										
Inventories:	-	-	-	955	8,075	-	-	9,030	-	9,030
Opening - Field and plant .....	-	-	86,295	429,821	871,341	67,585	81,553	1,536,595	-	1,536,595
Transporters' .....	-	-	85,242	5,088,746	15,708,387	1,279,651	-	22,162,026	437,107	22,599,133
Closing - Field and plant .....	-	-	79,632	435,481	951,164	81,189	52,441	1,599,907	-	1,599,907
Transporters' .....	-	-	13,856	5,034,991	16,123,646	1,551,825	-	22,724,318	388,856	23,113,174
Net change .....	-	-	- 78,049	- 48,095	495,082	285,778	- 29,112	625,604	- 48,251	577,353
Pipeline fuel .....	-	-	-	-	28,959	-	-	28,959	-	28,959
Field and plant use .....	-	-	-	695	1,055,613(1)	2,553	-	1,058,861	-	1,058,861
Losses and adjustments .....	-	-	- 10,258	26,620	167,179	- 3,452	-	180,089	3,745	183,834
Total disposition .....	324	114,704	428,808	7,953,788	18,772,392	1,421,161	32,659	28,723,836	12,494,600	41,218,436

(1) Includes 1,040,090 barrels returned to formation.

... Figures not appropriate or not applicable.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, December 1965

No.		New Brunswick	Ontario	Saskatchewan
		Mcf.		
	<u>A. FIELD AND PROCESSING PLANTS</u>			
	<u>Supply</u>			
1	Gross new production .....	9,865	1,553,517	5,926,601
2	Less field flared and waste .....	-	-	1,315,962
3	Net new production (1 - 2) .....	9,865	1,553,517	4,610,639
	<u>Disposition</u>			
4	Field disposition and uses .....	270	-	231,487
5	Gathering system disposition and uses .....	-	-	11,370
6	Processing plant disposition and uses:			
6a	Processing shrinkage .....	-	-	173,039
6b	Other disposition and uses .....	-	-	295,177
7	Field injection and storage:			
7a	Injected and stored .....	-	-	-
7b	Less reproduced .....	-	-	-
7c	Net field injection and storage (7a - 7b) .....	-	-	-
8	Other uses .....	-	-	258,740
9	Adjustment .....	-	-	14,076
10	Deliveries of marketable gas .....	9,595	1,553,517	3,626,750
11	Total disposition .....	9,865	1,553,517	4,610,639
	<u>B. GAS UTILITIES</u>			
	<u>Supply</u>			
12	Receipts of marketable gas:			
12a	Plants .....	-	-	2,015,973
12b	Fields .....	9,595	1,553,517	1,610,777
13	Total (12a + 12b) .....	9,595	1,553,517	3,626,750
14	Receipts from distributor storage .....	-	3,286,929	323,684
15	Other receipts(1) .....	-	-	-
16	Total supply of marketable gas (13 + 14 + 15)	9,595	4,840,446	3,950,434
	<u>Disposition</u>			
	Sales:			
17	British Columbia .....	-	-	-
18	Alberta .....	-	-	-
19	Saskatchewan .....	-	-	3,682,232
20	Manitoba .....	-	-	126,971
21	Ontario .....	-	4,310,800	-
22	Quebec .....	-	-	-
23	New Brunswick .....	6,034	-	-
24	Total sales (17 to 23 inclusive) .....	6,034	4,310,800	3,809,203
25	Exports .....	-	-	-
26	Other deliveries(2) .....	-	-	-
27	Delivered to distributor storage .....	-	-	-
28	Pipeline line pack fluctuation .....	-	-	- 9,778
29	Pipeline fuel .....	107	20,146	142,360
30	Pipeline losses etc. ....	3,454	509,500	8,649
31	Total disposition of marketable gas (24 to 30 inclusive) .....	9,595	4,840,446	3,950,434

(1) L.P.G. for gas enrichment, peak shaving or temporary supply.

(2) Direct deliveries for industrial consumption and miscellaneous utility deliveries.

TABLE 3. Supply and Disposition of Natural Gas by Source, Canada, December 1965

Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources	No.
Mcf.						
122,771,824	19,774,306	50,147	150,086,260	-	150,086,260	1
4,351,219	924,198	44,871	6,636,250	-	6,636,250	2
118,420,605	18,850,108	5,276	143,450,010	-	143,450,010	3
449,462	386,246	-	1,067,465	-	1,067,465	4
847,282	- 633	-	858,019	-	858,019	5
10,535,319	556,365	-	11,264,723	-	11,264,723	6a
5,242,721	1,688,405	-	7,226,303	-	7,226,303	6b
17,810,717	324,709	-	18,135,426	-	18,135,426	7a
452,980	-	-	452,980	-	452,980	7b
17,357,737	324,709	-	17,682,446	-	17,682,446	7c
99,305	-	5,276	363,321	-	363,321	8
1,392,989	9,489	-	1,416,554	-	1,416,554	9
82,495,790	15,885,527	-	103,571,179	-	103,571,179	10
118,420,605	18,850,108	5,276	143,450,010	-	143,450,010	11
64,505,078	15,538,284	-	82,059,335	-	82,059,335	12a
17,990,712	347,243	-	21,511,844	-	21,511,844	12b
82,495,790	15,885,527	-	103,571,179	-	103,571,179	13
608,057	-	-	4,218,670	-	4,218,670	14
2,248	-	-	2,248	-	2,248	15
83,106,095	15,885,527	-	107,792,097	3,852,032	111,644,129	16
1,199,383	6,318,274	-	7,517,657	-	7,517,657	17
18,810,222	-	-	18,810,222	13,212	18,823,434	18
3,006,365	-	-	6,688,597	-	6,688,597	19
4,146,325	-	-	4,273,296	-	4,273,296	20
15,542,935	-	-	19,853,735	3,838,820	23,692,555	21
3,136,509	-	-	3,136,509	-	3,136,509	22
-	-	-	6,034	-	6,034	23
45,841,739	6,318,274	-	60,286,050	3,852,032	64,138,082	24
28,806,499	8,707,901	-	37,514,400	-	37,514,400	25
264,127	-	-	264,127	-	264,127	26
693,180	-	-	693,180	-	693,180	27
17,600	- 52,487	-	- 44,665	-	- 44,665	28
3,868,588	625,296	-	4,656,497	-	4,656,497	29
3,614,362	286,543	-	4,422,508	-	4,422,508	30
83,106,095	15,885,527	-	107,792,097	3,852,032	111,644,129	31



TABLE 4. Supply and Disposition of Gas Processing Plant Propane, December 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production .....	...	...	...	...	61,660	933,177	34,720	...	1,029,557
Opening inventory .....	...	...	...	...	117,170	488,981	7,021	...	613,172
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	-	43,305	...	-	-	-	43,305
Alberta .....	-	69,718	116,204	33,950	68,719	...	73,045	-	361,636
British Columbia .....	-	-	-	-	-	3,284	...	634	3,918
Deliveries .....	...	...	...	...	- 43,305	- 361,636	- 3,918	...	- 408,859
Total supply .....	-	69,718	116,204	77,255	204,244	1,063,806	110,868	634	1,642,729
<u>Disposition</u>									
Deliveries:									
Petrochemical plants .....	...	-	-	...	...	113,105	...	...	113,105
Distributor and other .....	-	69,718	116,204	77,255	72,032	216,858	87,561	634	640,262
Sub-total .....	-	69,718	116,204	77,255	72,032	329,963	87,561	634	753,367
Refinery raw material .....	-	-	-	-	-	-	11,664	-	11,664
Exports:									
U.S.A. Petroleum Administration:									
District II .....	...	...	...	...	75,296	165,960	-	...	241,256
IV .....	...	...	...	...	-	38,600	-	...	38,600
V .....	...	...	...	...	-	109,678	217	...	109,895
Other .....	...	...	...	...	-	- 4,351	-	...	- 4,351
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	27,129	...	...	27,129
Gas enrichment .....	...	...	...	...	...	-	...	...	-
Losses and adjustments .....	-	-	-	-	3,149	- 1,921	1,570	...	2,798
Plant uses .....	...	...	...	...	378	1,336	224	...	1,938
Returned to formation .....	...	...	...	...	...	687	...	...	687
Closing inventory .....	...	...	...	...	53,389	396,725	9,632	...	459,746
Total disposition .....	-	69,718	116,204	77,255	204,244	1,063,806	110,868	634	1,642,729

... Figures not appropriate or not applicable.

TABLE 5. Supply and Disposition of Gas Processing Plant Butanes, December 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production .....	...	...	...	...	29,168	614,946	44,891	...	689,005
Opening inventory .....	...	...	...	...	194,642	388,577	6,761	...	589,980
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	55,137	12,985	294	-	684	-	69,100
Alberta .....	-	-	-	-	-	...	...	-	-
British Columbia .....	-	-	-	-	-	-	-	-	-
Deliveries .....	...	...	...	...	-	- 69,100	-	...	- 69,100
Total supply .....	-	-	55,137	12,985	224,104	934,423	52,336	-	1,278,985
<u>Disposition</u>									
Deliveries:									
Petrochemical plants .....	...	-	-	...	...	10,752	...	...	10,752
Distributor and other .....	-	-	12,816	-	-	-	10,263	-	23,079
Sub-total .....	-	-	12,816	-	-	10,752	10,263	-	33,831
Refinery raw material .....	-	-	36,138	13,317	1,889	65,691	17,139	-	134,174
Exports:									
U.S.A. Petroleum Administration:									
District II .....	...	...	...	...	83,571	172,212	-	...	255,783
IV .....	...	...	...	...	-	20,547	-	...	20,547
V .....	...	...	...	...	-	246,944	6,555	...	253,499
Other .....	...	...	...	...	-	-	-	...	-
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	-	...	...	-
Gas enrichment .....	...	...	...	...	...	1,412	...	...	1,412
Losses and adjustments .....	-	-	6,183	- 332	- 1,214	66,211	5,325	-	76,173
Plant uses .....	...	...	...	...	-	634	5,384	...	6,018
Returned to formation .....	...	...	...	...	...	-	...	...	-
Closing inventory .....	...	...	...	...	139,858	350,020	7,670	...	497,548
Total disposition .....	-	-	55,137	12,985	224,104	934,423	52,336	-	1,278,985

... Figures not appropriate or not applicable.

TABLE 4. Supply and Disposition of Gas Processing Plant Propane, January 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
	barrels of 35 Canadian gallons								
<u>Supply</u>									
Production .....	...	...	...	...	54,729	807,465	39,263	...	901,457
Opening inventory .....	...	...	...	...	182,302	186,046	6,827	...	375,175
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	504	38,322	...	-	-	-	38,826
Alberta .....	-	44,280	46,880	55,199	73,723	...	49,912	374	270,368
British Columbia .....	-	-	-	-	-	263	...	802	1,065
Deliveries .....	...	...	...	...	- 38,826	- 270,368	- 1,065	...	- 310,259
Total supply .....	-	44,280	47,384	93,521	271,928	723,406	94,937	1,176	1,276,632
<u>Disposition</u>									
Deliveries:									
Petrochemical plants .....	...	-	-	...	...	105,258	...	...	105,258
Distributor and other .....	-	44,280	47,384	93,521	130,923	231,729	70,830	1,176	619,843
Sub-total .....	-	44,280	47,384	93,521	130,923	336,987	70,830	1,176	725,101
Refinery raw material .....	-	-	-	-	-	-	1,127	-	1,127
Exports:									
U.S.A. Petroleum Administration:									
District II .....	...	...	...	...	61,005	52,061	-	...	113,066
District IV .....	...	...	...	...	-	23,259	-	...	23,259
District V .....	...	...	...	...	-	73,324	481	...	73,805
Other .....	...	...	...	...	-	-	-	...	-
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	24,750	...	...	24,750
Gas enrichment .....	...	...	...	...	...	2,522	...	...	2,522
Losses and adjustments .....	-	-	-	-	- 691	6,638	3,074	-	8,991
Plant uses .....	...	...	...	...	341	3,333	11,757	...	15,631
Returned to formation .....	...	...	...	...	...	255	...	...	255
Closing inventory .....	...	...	...	...	80,130	200,257	7,718	...	288,125
Total disposition .....	-	44,280	47,384	93,521	271,928	723,406	94,937	1,176	1,276,632

Figures not appropriate or not applicable

... Figures not appropriate or not applicable.

TABLE 5. Supply and Disposition of Gas Processing Plant Butanes, January 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
Supply									
Production .....	...	...	...	...	27,128	559,473	41,762	...	628,363
Opening inventory .....	...	...	...	...	24,884	224,137	5,152	...	254,173
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	...	...	74,484	77,039	...	...	11,163	...	82,686
Alberta .....	...	...	...	...	...	...	...	...	...
British Columbia .....	...	...	...	...	...	82,686	...	...	82,686
Deliveries .....	...	...	...	...	...	...	...	...	...
Total supply .....	-	-	74,484	7,039	52,012	700,924	48,077	-	882,536
Disposition									
Deliveries:									
Petrochemical plants .....	...	...	8,661	...	...	10,741	12,884	...	10,741
Distributor and other .....	...	...	...	...	...	...	...	...	21,545
Sub-total .....	-	-	8,661	-	-	10,741	12,884	-	32,286
Refinery raw material .....	-	-	62,022	1,269	279	69,164	47,958	-	180,692
Exports:									
U.S.A. Petroleum Administration:									
District II .....	...	...	...	...	35,794	151,810	...	...	187,604
IV .....	...	...	...	...	...	16,306	...	...	16,306
V .....	...	...	...	...	...	182,152	230	...	182,382
Other .....	...	...	...	...	...	...	...	...	...
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	4,801	...	...	4,801
Gas enrichment .....	...	...	...	...	...	...	...	...	...
Losses and adjustments .....	...	...	3,801	5,770	1,393	16,130	27,869	...	3,501
Plant uses .....	...	...	...	...	...	36,604	8,576	...	45,180
Returned to formation .....	...	...	...	...	...	18,820	...	...	18,820
Closing inventory .....	...	...	...	...	47,332	194,336	6,298	...	217,966
Total disposition .....	-	-	74,484	7,039	52,012	700,924	48,077	-	882,536

... Figures not appropriate or not applicable.



TABLE 4. Supply and Disposition of Gas Processing Plant Propane, February 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production .....	...	...	...	...	49,686	748,340	30,206	...	828,232
Opening inventory .....	...	...	...	...	80,150	200,257	7,718	...	288,125
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	-	30,483	...	-	-	-	30,483
Alberta .....	-	44,400	57,031	73,864	61,224	...	35,980	-	272,499
British Columbia .....	-	-	-	-	-	365	...	969	1,334
Deliveries .....	...	...	...	...	- 30,483	- 272,499	- 1,334	...	- 304,316
Total supply .....	-	44,400	57,031	104,347	160,577	676,463	72,570	969	1,116,357
<u>Disposition</u>									
Deliveries:									
Petrochemical plants .....	...	-	-	...	...	97,975	...	...	97,975
Distributor and other .....	-	44,400	57,031	104,347	93,699	182,169	48,904	969	531,519
Sub-total .....	-	44,400	57,031	104,347	93,699	280,144	48,904	969	629,494
Refinery raw material .....	-	-	-	-	-	-	2,038	-	2,038
Exports:									
U.S.A. Petroleum Administration:									
District II .....	...	...	...	...	40,552	49,901	-	...	90,453
District IV .....	...	...	...	...	-	25,253	-	...	25,253
District V .....	...	...	...	...	-	44,197	279	...	44,476
Other .....	...	...	...	...	-	-	-	...	-
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	32,444	...	...	32,444
Gas enrichment .....	-	...	...	...	...	9,954	...	...	9,954
Losses and adjustments .....	-	-	-	-	19,217	- 20,302	2,843	-	1,758
Plant uses .....	...	...	...	...	519	13,319	12,327	...	26,165
Returned to formation .....	...	...	...	...	...	26,055	...	...	26,055
Closing inventory .....	...	...	...	...	6,590	215,498	6,179	...	228,267
Total disposition .....	-	44,400	57,031	104,347	160,577	676,463	72,570	969	1,116,357

... Figures not appropriate or not applicable.

TABLE 5. Supply and Disposition of Gas Processing Plant Butanes, February 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
<u>Supply</u>									
Production .....	...	...	...	...	24,216	506,391	37,863	...	568,470
Opening inventory .....	...	...	...	...	17,332	194,336	6,298	...	217,966
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	58,386	3,297	...	-	-	-	-
Alberta .....	-	-	-	-	-	...	5,068	-	66,751
British Columbia .....	-	-	-	-	-	-	...	-	-
Deliveries .....	...	...	...	...	-	- 66,751	-	-	- 66,751
total supply .....	-	-	58,386	3,297	41,548	633,976	49,229	-	786,436
<u>Disposition</u>									
Domestic:									
Petrochemical plants .....	...	-	13,836	...	...	10,259	7,648	...	10,259
Distributor and other .....	-	-	-	-	-	-	-	-	21,484
Sub-total .....	-	-	13,836	-	-	10,259	7,648	-	31,743
Refinery raw material .....	-	-	36,871	3,805	98	47,057	29,740	-	117,571
Exports:									
U.S.A. Petroleum Administration:	...	...	...	...	30,993	131,003	-	...	161,996
District II .....	...	...	...	...	-	16,817	-	...	16,817
District IV .....	...	...	...	...	-	263,733	1,198	...	264,931
District V .....	...	...	...	...	-	-	-	...	-
Other .....	...	...	...	...	-	-	-	...	-
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	-	...	...	-
Gas enrichment .....	...	...	...	...	...	-	...	...	-
Losses and adjustments .....	-	-	7,679	- 508	- 475	- 8,736	- 7,261	-	- 9,301
Plant uses .....	...	...	...	...	-	35,945	13,759	...	49,704
Returned to formation .....	...	...	...	...	-	-	...	...	-
Closing inventory .....	...	...	...	...	10,932	137,898	4,145	...	152,975
Total disposition .....	-	-	58,386	3,297	41,548	633,976	49,229	-	786,436

... Figures not appropriate or not applicable.

TABLE 4. Supply and Disposition of Gas Processing Plant Propane, March 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
barrels of 35 Canadian gallons									
Supply									
Production .....	...	...	...	...	58,700	808,050	30,333	...	897,083
Opening inventory .....	...	...	...	...	6,590	215,498	6,179	...	228,267
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	-	10,773	...	-	-	-	10,773
Alberta .....	-	36,301	59,851	129,705	50,268	434	29,309	-	305,434
British Columbia .....	-	-	-	-	-	...	...	1,171	1,605
Deliveries .....	...	...	...	...	- 10,773	- 305,434	- 1,605	...	- 317,812
Total supply .....	-	36,301	59,851	140,478	104,785	718,548	64,216	1,171	1,125,350
Disposition									
Deliveries:									
Petrochemical plants .....	...	...	...	...	66,838	106,195	...	...	106,195
Distributor and other .....	-	36,301	59,851	140,478	66,838	187,406	42,570	1,171	534,615
Sub-total .....	-	36,301	59,851	140,478	66,838	293,601	42,570	1,171	640,810
Refinery raw material .....	-	-	-	-	-	-	-	-	-
Exports:									
U.S.A. Petroleum Administration:									
District II .....	...	...	...	...	32,461	75,501	-	...	107,962
District IV .....	...	...	...	...	-	25,748	-	...	25,748
District V .....	...	...	...	...	-	50,789	162	...	50,951
Other .....	...	...	...	...	-	-	-	...	-
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	32,593	...	...	32,593
Gas enrichment .....	...	...	...	...	...	12,329	...	...	12,329
Losses and adjustments .....	-	-	-	-	- 136	- 35,934	1,967	-	- 34,103
Plant uses .....	...	...	...	...	1,055	6,278	14,444	...	21,777
Returned to formation .....	...	...	...	...	...	25,769	...	...	25,769
Closing inventory .....	...	...	...	...	4,567	231,874	5,073	...	241,514
Total disposition .....	-	36,301	59,851	140,478	104,785	718,548	64,216	1,171	1,125,350

Figures not appropriate or not applicable

... Figures not appropriate or not applicable.

TABLE 5. Supply and Disposition of Gas Processing Plant Butanes, March 1965

	Maritimes	Québec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
	barrels of 35 Canadian gallons								
<u>Supply</u>									
Production .....	...	...	...	...	28,285	533,559	38,343	...	600,187
Opening inventory .....	...	...	...	...	10,932	137,898	4,145	...	152,975
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	-	-	...	-	-	-	-
Alberta .....	-	-	47,306	3,237	9,013	...	41,450	-	101,006
British Columbia .....	-	-	-	-	-	-	...	-	-
Deliveries .....	...	...	...	...	-	- 101,006	-	...	- 101,006
Total supply .....	-	-	47,306	3,237	48,230	570,451	83,938	-	753,162
<u>Disposition</u>									
Deliveries:									
Petrochemical plants .....	...	-	-	...	...	8,362	...	...	8,362
Distributor and other .....	-	-	11,095	-	-	-	9,074	-	20,169
Sub-total .....	-	-	11,095	-	-	8,362	9,074	-	28,531
Refinery raw material .....	-	-	31,043	2,984	-	61,093	22,738	-	117,858
Exports:									
U.S.A. Petroleum Administration:									
District II .....	...	...	...	...	32,115	110,685	-	...	142,800
IV .....	...	...	...	...	-	20,176	-	...	20,176
V .....	...	...	...	...	-	185,128	-	...	185,128
Other .....	...	...	...	...	-	-	-	...	-
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	-	...	...	-
Gas enrichment .....	...	...	...	...	...	-	...	...	-
Losses and adjustments .....	-	-	5,168	253	7,256	- 232	34,824	-	47,269
Plant uses .....	...	...	...	...	-	59,835	12,144	...	71,979
Returned to formation .....	...	...	...	...	...	-	...	...	-
Closing inventory .....	...	...	...	...	8,859	125,404	5,158	...	139,421
Total disposition .....	-	-	47,306	3,237	48,230	570,451	83,938	-	753,162

... Figures not appropriate or not applicable.



TABLE 4. Supply and Disposition of Gas Processing Plant Propane, April 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
	barrels of 35 Canadian gallons								
<u>Supply</u>									
Production .....	...	...	...	...	53,881	759,170	25,443	...	838,494
Opening inventory .....	...	...	...	...	4,567	231,874	5,073	...	241,514
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	38,571	5,183	...	-	-	-	5,183
Alberta .....	-	35,429	-	59,633	30,997	...	28,700	-	193,330
British Columbia .....	-	-	-	-	-	560	...	564	1,124
Deliveries .....	...	...	...	...	- 5,183	- 193,330	- 1,124	...	- 199,637
Total supply .....	-	35,429	38,571	64,816	84,262	798,274	58,092	564	1,080,008
<u>Disposition</u>									
Deliveries:									
Petrochemical plants .....	...	-	-	...	...	95,647	...	...	95,647
Distributor and other .....	-	35,429	38,571	64,816	33,722	93,563	41,258	564	307,923
Sub-total .....	-	35,429	38,571	64,816	33,722	189,210	41,258	564	403,570
Refinery raw material .....	-	-	-	-	-	-	-	-	-
Exports:									
U.S.A. Petroleum Administration:									
District II .....	...	...	...	...	34,624	50,163	-	...	84,787
IV .....	...	...	...	...	-	15,033	-	...	15,033
V .....	...	...	...	...	-	42,162	- 155	...	42,007
Other .....	...	...	...	...	-	-	-	...	-
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	56,168	...	...	56,168
Gas enrichment .....	...	...	...	...	...	13,129	...	...	13,129
Losses and adjustments .....	-	-	-	-	- 20	- 15,996	1,521	-	- 14,495
Plant uses .....	...	...	...	...	518	16,975	11,648	...	29,141
Returned to formation .....	...	...	...	...	...	56,766	...	...	56,766
Closing inventory .....	...	...	...	...	15,418	374,664	3,820	...	393,902
Total disposition .....	-	35,429	38,571	64,816	84,262	798,274	58,092	564	1,080,008

... Figures not appropriate or not applicable.

... Figures not appropriate or not applicable.

TABLE 5. Supply and Disposition of Gas Processing Plant Butanes, April 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
	barrels of 35 Canadian gallons								
<u>Supply</u>									
Production .....	...	...	...	...	25,409	485,743	33,717	...	544,869
Opening inventory .....	...	...	...	...	8,859	125,404	5,158	...	139,421
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	-	-	...	-	-	-	-
Alberta .....	-	-	26,835	5,708	26,961	...	8,450	-	67,954
British Columbia .....	-	-	-	-	-	-	...	-	-
Deliveries .....	...	...	...	...	-	- 67,954	-	...	- 67,954
Total supply .....	-	-	26,835	5,708	61,229	543,193	47,325	-	684,290
<u>Disposition</u>									
Deliveries:									
Petrochemical plants .....	...	-	-	...	...	9,768	...	...	9,768
Gasification and other .....	-	-	10,492	-	-	-	13,534	-	24,026
Sub-total .....	-	-	10,492	-	-	9,768	13,534	-	33,794
Refinery raw material .....	-	-	20,228	7,448	-	46,530	13,896	-	88,102
Exports:									
U.S.A. Petroleum Administration:									
.....	...	...	...	...	14,765	55,243	-	...	70,008
.....	...	...	...	...	-	15,736	-	...	15,736
.....	...	...	...	...	-	129,904	-	...	129,904
.....	...	...	...	...	-	-	-	...	-
Miscellaneous:									
Mischelike flood .....	...	...	...	...	...	25	...	...	25
Gas enrichment .....	...	...	...	...	...	3,483	...	...	3,483
Losses and adjustments .....	-	-	- 3,885	- 1,740	- 1,986	- 7,583	2,241	-	- 12,953
Plant uses .....	...	...	...	...	-	66,433	13,473	...	79,906
Returned to formation .....	...	...	...	...	...	6,880	...	...	6,880
Closing inventory .....	...	...	...	...	48,450	216,774	4,181	...	269,405
Total disposition .....	-	-	26,835	5,708	61,229	543,193	47,325	-	684,290

... Figures not appropriate or not applicable.

TABLE 4. Supply and Disposition of Gas Processing Plant Propane, May 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
	barrels of 35 Canadian gallons								
<u>Supply</u>									
Production .....	...	...	...	...	57,499	662,601	24,890	...	744,990
Opening inventory .....	...	...	...	...	15,418	374,664	3,820	...	393,902
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	-	2,524	...	-	-	-	2,524
Alberta .....	-	31,901	41,679	45,917	47,537	...	22,882	-	189,916
British Columbia .....	-	-	353	-	-	485	...	650	1,488
Deliveries .....	...	...	...	...	- 2,524	- 189,916	- 1,488	...	- 193,928
Total supply .....	-	31,901	42,032	48,441	117,930	847,834	50,104	650	1,138,892
<u>Disposition</u>									
Deliveries:									
Petrochemical plants .....	...	-	-	...	...	112,255	...	...	112,255
Distributor and other .....	-	31,901	42,032	48,441	23,073	100,555	33,894	650	280,546
Sub-total .....	-	31,901	42,032	48,441	23,073	212,810	33,894	650	392,801
Refinery raw material .....	-	-	-	-	-	-	832	-	832
Exports:									
U.S.A. Petroleum Administration:									
District II .....	...	...	...	...	34,638	68,098	-	...	102,736
District IV .....	...	...	...	...	-	16,579	-	...	16,579
District V .....	...	...	...	...	-	42,843	578	...	43,421
Other .....	...	...	...	...	-	-	-	...	-
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	29,135	...	...	29,135
Gas enrichment .....	...	...	...	...	...	17,708	...	...	17,708
Losses and adjustments .....	-	-	-	-	5,721	3,635	2,154	-	11,510
Plant uses .....	...	...	...	...	518	3,964	8,048	...	12,530
Returned to formation .....	...	...	...	...	...	31,786	...	...	31,786
Closing inventory .....	...	...	...	...	53,980	421,276	4,598	...	479,854
Total disposition .....	-	31,901	42,032	48,441	117,930	847,834	50,104	650	1,138,892

... Figures not appropriate or not applicable.

TABLE 5. Supply and Disposition of Gas Processing Plant Butanes, May 1965

	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
	barrels of 35 Canadian gallons								
Supply									
Production .....	...	...	...	...	28,074	445,501	34,886	...	508,461
Opening inventory .....	...	...	...	...	48,450	216,774	4,181	...	269,405
Interprovincial movements:									
Receipts from:									
Saskatchewan .....	-	-	-	-	...	-	-	-	-
Alberta .....	-	-	33,761	9,427	23,789	...	3,213	-	70,190
British Columbia .....	-	-	-	-	-	558	...	-	558
Deliveries .....	...	...	...	...	-	- 70,190	- 558	...	- 70,748
Total supply .....	-	-	33,761	9,427	100,313	592,643	41,722	-	777,866
Disposition									
Deliveries:									
Petrochemical plants .....	...	-	-	...	...	12,113	...	...	12,113
Distributor and other .....	-	-	13,035	-	-	-	15,548	-	28,583
Sub-total .....	-	-	13,035	-	-	12,113	15,548	-	40,696
Refinery raw material .....	-	-	22,097	7,450	-	64,186	17,561	-	111,294
Exports:									
U.S.A. Petroleum Administration:									
District II .....	...	...	...	...	17,962	47,173	-	...	65,135
IV .....	...	...	...	...	-	18,060	-	...	18,060
V .....	...	...	...	...	-	105,493	-	...	105,493
Other .....	...	...	...	...	-	-	-	...	-
Miscellaneous:									
Miscible flood .....	...	...	...	...	...	-	...	...	-
Gas enrichment .....	...	...	...	...	...	15,190	...	...	15,190
Losses and adjustments .....	-	-	- 1,371	1,977	- 2,019	- 186	- 4,101	-	- 5,700
Plant uses .....	...	...	...	...	-	38,236	8,185	...	46,421
Returned to formation .....	...	...	...	...	...	4,211	...	...	4,211
Closing inventory .....	...	...	...	...	84,370	288,167	4,529	...	377,066
Total disposition .....	-	-	33,761	9,427	100,313	592,643	41,722	-	777,866

... Figures not appropriate or not applicable.















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